

Cornell University

**Report on Federal Awards in
Accordance with the Uniform Guidance**

June 30, 2021

EIN: 15-0532082

Cornell University

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Report of Independent Auditors

To the Board of Trustees
of Cornell University

Report on the Consolidated Financial Statements

We have audited the accompanying consolidated financial statements of Cornell University (the "University"), which comprise the consolidated statements of financial position as of June 30, 2021 and 2020 and the related consolidated statements of activities for the year ended June 30, 2021 and of cash flows for the years ended June 30, 2021 and 2020, and the related notes to the financial statements.

Management's Responsibility for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on the 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 consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the University's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.



Opinion

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Cornell University as of June 30, 2021 and 2020, and the changes in their net assets for the year ended June 30, 2021 and their cash flows for the years ended June 30, 2021 and 2020 in accordance with accounting principles generally accepted in the United States of America.

Other Matters

We previously audited the consolidated statement of financial position as of June 30, 2020, and the related consolidated statements of activities and cash flows for the year then ended (the statement of activities is not presented herein), and in our report dated October 8, 2020, we expressed an unmodified opinion on these consolidated financial statements. In our opinion, the information set forth in the accompanying summarized financial information as of June 30, 2020 and for the year then ended is consistent, in all material respects, with the audited consolidated financial statements from which it has been derived.

Other Information

Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements as a whole. The accompanying schedule of expenditures of federal awards for the year ended June 30, 2021 and financial responsibility supplemental schedule as of and for the year ended June 30, 2021 are presented for purposes of additional analysis as required by Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) and the Department of Education, respectively, and are not a required part of the consolidated financial statements. The information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures, in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards and the financial responsibility supplemental schedule are fairly stated, in all material respects, in relation to the consolidated financial statements taken as a whole.



Other Reporting Required by *Government Auditing Standards*

In accordance with Government Auditing Standards, we have also issued our report dated October 22, 2021, on our consideration of the University's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters for the year ended June 30, 2021. The purpose of that report is solely 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 effectiveness of internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the University's internal control over financial reporting and compliance.

PricewaterhouseCoopers LLP

Rochester, New York
October 22, 2021

CORNELL UNIVERSITY
CONSOLIDATED STATEMENTS OF FINANCIAL POSITION
AS OF JUNE 30, 2021 AND JUNE 30, 2020 (in thousands)

	2021	2020
Assets		
Cash and cash equivalents	\$ 744,927	\$ 591,483
Accounts receivable, net (note 3-A)	611,571	518,153
Contributions receivable, net (note 3-B)	778,171	778,599
Prepaid expenses and other assets	142,739	134,024
Investments (note 4)	10,603,428	7,813,510
Right of use assets-operating leases, net (note 10)	448,191	465,124
Right of use assets-finance leases, net (note 10)	111,456	114,036
Land, buildings, and equipment, net (note 5)	4,314,495	4,286,656
Funds held in trust by others (note 6)	152,751	149,033
Total assets	<u>\$ 17,907,729</u>	<u>\$ 14,850,618</u>
Liabilities		
Accounts payable and accrued expenses	\$ 770,997	\$ 803,826
Deferred revenue and other liabilities	270,292	276,763
Obligations under split interest agreements (note 6)	137,099	136,909
Deferred benefits (note 7)	688,760	703,716
Funds held for others (note 8)	133,410	100,436
Operating lease liabilities (note 10)	458,617	467,971
Finance lease liabilities (note 10)	121,949	121,683
Bonds and notes payable (note 9)	1,876,730	1,918,482
Total liabilities	<u>\$ 4,457,854</u>	<u>\$ 4,529,786</u>
Net assets (note 12)		
Without donor restrictions	3,833,101	3,029,185
With donor restrictions	9,616,774	7,291,647
Total net assets	<u>13,449,875</u>	<u>10,320,832</u>
Total liabilities and net assets	<u>\$ 17,907,729</u>	<u>\$ 14,850,618</u>

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

CORNELL UNIVERSITY

CONSOLIDATED STATEMENTS OF ACTIVITIES FOR THE YEAR-ENDED JUNE 30, 2021 (in thousands)

(WITH SUMMARIZED INFORMATION FOR THE YEAR-ENDED JUNE 30, 2020)

	Without Donor Restrictions	With Donor Restrictions	2021 Total	2020 Total
Operating revenues and other support				
Tuition and fees (scholarship allowance \$453,214 and \$435,911)	\$ 792,381	\$ -	\$ 792,381	\$ 801,856
State and federal appropriations	143,545	-	143,545	150,198
Grants, contracts and similar agreements				
Direct	723,783	-	723,783	697,317
Indirect cost recoveries	199,281	-	199,281	185,329
Contributions	6,780	359,114	365,894	288,409
Investment return, distributed	72,669	277,629	350,298	336,630
Medical Physician Organization	1,176,195	-	1,176,195	1,031,162
Auxiliary enterprises	109,526	-	109,526	149,040
Educational activities and other sales and services	730,657	-	730,657	700,990
Net assets released from restrictions	586,153	(586,153)	-	-
Total operating revenues and other support	4,540,970	50,590	4,591,560	4,340,931
Operating expenses (Note 11)				
Compensation and benefits	3,060,643	-	3,060,643	2,995,105
Supplies, services and other	961,148	-	961,148	1,037,938
Maintenance and facilities	146,029	-	146,029	132,725
Interest (note 9)	30,940	-	30,940	38,009
Depreciation	305,381	-	305,381	312,780
Total operating expenses	4,504,141	-	4,504,141	4,516,557
Change in net assets from operating activities	36,829	50,590	87,419	(175,626)
Non-operating revenues and (expenses)				
State appropriations for capital acquisitions	19,931	-	19,931	38,513
Grants, contracts and similar agreements for capital acquisitions	2,751	-	2,751	-
Contributions for capital acquisitions, trusts and endowments	-	309,121	309,121	245,021
Investment return, net of amount distributed	568,246	2,018,968	2,587,214	(174,642)
Change in value of split interest agreements	2,211	34,708	36,919	(6,908)
Pension and postretirement changes	63,226	-	63,226	(88,864)
Swap interest and change in value of interest rate swaps	43,071	-	43,071	(120,219)
Other	(20,609)	-	(20,609)	(30,108)
Net assets released for capital acquisitions and reclassifications	88,260	(88,260)	-	-
Change in net assets from non-operating activities	767,087	2,274,537	3,041,624	(137,207)
Change in net assets	803,916	2,325,127	3,129,043	(312,833)
Net assets, beginning of the year	3,029,185	7,291,647	10,320,832	10,633,665
Net assets, end of the year	\$ 3,833,101	\$ 9,616,774	\$ 13,449,875	\$ 10,320,832

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

CORNELL UNIVERSITY
CONSOLIDATED STATEMENTS OF CASH FLOWS
FOR THE YEARS-ENDED JUNE 30, 2021 AND JUNE 30, 2020 (in thousands)

	2021	2020
Cash flows from operating activities		
Change in net assets	\$ 3,129,043	\$ (312,833)
Adjustments to reconcile change in net assets to net cash provided/(used) by operating activities		
Proceeds from contributions for capital acquisitions, trusts and endowments	(321,503)	(218,333)
Depreciation and amortization	290,351	298,224
Net realized and unrealized (gain)/loss on investments	(2,884,628)	(114,481)
Pension and postretirement changes	(63,226)	88,864
Change in unrealized (gain)/loss interest rate swaps	(70,239)	99,928
(Gain)/loss on extinguishment of debt	-	9,181
Loss on disposals of land, building, and equipment	20,006	5,593
Non-cash lease expense	8,818	3,813
State appropriations for capital acquisitions	(19,931)	(38,513)
Other adjustments	(11,539)	(4,430)
Change in assets and liabilities		
Accounts receivable, net, other than student loans	(101,468)	25,724
Contributions receivable, net	428	26,305
Prepaid expenses and other assets	(8,715)	7,250
Accounts payable and accrued expenses	52,435	58,657
Deferred revenue and other liabilities	8,921	31,490
Funds held in trust by others	(3,718)	(15,853)
Obligations under split interest agreements	190	2,822
Deferred benefits	31,110	9,111
Net cash provided/(used) by operating activities	<u>56,335</u>	<u>(37,481)</u>
Cash flows from investing activities		
Proceeds from the sale and maturities of investments	5,789,558	5,377,539
Purchase of investments	(5,641,345)	(5,325,825)
Acquisition of land, buildings, and equipment (net)	(359,455)	(362,055)
Student loans granted	(5,190)	(6,854)
Student loans repaid	13,244	13,528
Change in funds held for others, net of unrealized (gain)/loss on investments	3,774	5,333
Net cash used by investing activities	<u>(199,414)</u>	<u>(298,334)</u>
Cash flows from financing activities		
Proceeds from contributions for capital acquisitions, trusts and endowments	321,503	218,333
Proceeds from state appropriations for capital acquisitions	19,931	38,513
Principal payments of bonds, notes payable and finance leases	(224,507)	(420,750)
Proceeds from issuance of bonds and notes payable	194,988	864,926
Gain/(loss) on extinguishment of debt	-	(9,181)
Government advances for student loans	(15,392)	918
Net cash provided by financing activities	<u>296,523</u>	<u>692,759</u>
Net change in cash and cash equivalents	153,444	356,944
Cash and cash equivalents, beginning of year	591,483	234,539
Cash and cash equivalents, end of year	<u>\$ 744,927</u>	<u>\$ 591,483</u>
Supplemental disclosure of cash flow information		
Cash paid for interest	\$ 45,969	\$ 61,141
Increase/(decrease) in construction payables, non-cash activity	\$ (15,025)	\$ 1,562
Right-of-use assets acquired under finance leases	\$ 3,174	\$ 4,565
Right-of-use assets acquired under operating leases	\$ 41,092	\$ 56,106
Gifts-in-kind	\$ 4,805	\$ 2,973

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

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Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2021 and 2020

1. SIGNIFICANT ACCOUNTING POLICIES

A. Description of the Organization

Founded in 1865, Cornell University (“the University”) is dedicated to a mission of learning, discovery, and engagement. Cornell is a private university, the federal land-grant institution of New York State, and a member of the Ivy League. Cornell administers four contract colleges, which the University operates on behalf of the State University of New York. Described as the first truly American university because of its founders’ revolutionary egalitarian and practical vision of higher education, the University is dedicated to its land-grant mission of outreach and public engagement. Cornell’s community includes nearly 24,900 students, over 4,600 faculty, and approximately 298,000 alumni who live and work across the globe.

The University comprises seven undergraduate units and four graduate and professional colleges and schools in Ithaca, New York; two medical graduate and professional units, together with its physician organization, collectively referred to as “Weill Cornell Medicine” or “WCM”, in New York City, and the “Weill Cornell Medicine - Qatar” in Doha, Qatar. The Cornell Tech campus, also in New York City, offers graduate programs in applied sciences, including three programs offered jointly with the Technion - Israel Institute of Technology under the auspices of the Joan and Irwin Jacobs Technion-Cornell Institute.

The University is subject to the common administrative authority and control of the Cornell University Board of Trustees. The University is prohibited from using funds attributable to the contract colleges (i.e., those colleges operated by the University on behalf of New York State) for other units of the University. Except as specifically required by law, the contract and endowed colleges at Ithaca, Cornell Tech, and WCM are, to the extent practicable, governed by common management principles and policies determined at the private discretion of the University. In addition to the activities of the endowed and contract colleges, the activities of the University’s subsidiaries and certain affiliated organizations are included in the consolidated financial statements. All significant intercompany transactions and balances are eliminated in the accompanying consolidated financial statements.

B. Basis of Presentation

The accompanying consolidated financial statements are prepared in accordance with U.S. generally accepted accounting principles (“GAAP”). Net assets, revenues, gains, and losses are categorized based on the existence or absence of donor-imposed restrictions.

The University’s Board of Trustees, with consideration to the actions, reports, information, advice, and counsel provided by its duly constituted committees and appointed officers of the University, including University Counsel, has instructed the University to preserve the historical dollar value of donor-restricted (true) endowment funds, absent explicit donor direction to the contrary. As a result, the University classifies as net assets with donor restrictions the original gift value of true endowments, plus any subsequent gifts and accumulations made in accordance with the directions of the applicable gift instruments.

Net assets with donor restrictions also include gifts and appropriations from the endowment that can be expended, but for which the donors’ purpose restrictions have not yet been met, as well as

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net assets with explicit or implied time restrictions, such as pledges and split-interest agreements. Expiration of donor restrictions is reported in the consolidated statements of activities as a reclassification from net assets with donor restrictions to net assets without donor restrictions on the net assets released from restriction lines. Net assets without donor restrictions are the remaining net assets of the University.

The University's measure of operations as presented in the consolidated statements of activities includes revenue and expenses related primarily to educational and training programs, research activities, contributions for operating programs, allocation of endowment spending for operations, medical services, and other revenues.

The University's non-operating activity within the consolidated statements of activities includes grants, contracts and appropriations for capital acquisition; contributions to the endowment and for building construction and renovation; investment returns and other activities related to the endowment; long-term benefit plan obligation; funding changes, and certain nonrecurring items.

The preparation of the consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues, and expenses during the reporting period. Management's assumptions are related primarily to the appropriate inputs and discount rate for fair-value calculations, the discount rate for pension and postretirement benefit obligations, allowances for doubtful accounts and implicit price concessions, and self-insured risks. Actual results may differ from those estimates.

C. Income Taxes

The University is a not-for-profit organization as described in Section 501(c)(3) of the Internal Revenue Code. It is generally exempt from income taxes on related income under the appropriate sections of the Internal Revenue Code. In accordance with the accounting standards, the University evaluates its income tax position each fiscal year to determine whether the position is more likely than not to be sustained if examined by the applicable taxing authority. This review had no material impact on the University's consolidated financial statements.

D. Fair-Value Hierarchy

The University values certain financial assets and liabilities, on a recurring basis, following a hierarchy that categorizes and prioritizes the sources used to measure and disclose fair value. Fair value is defined as the price associated with an orderly transaction between market participants at the measurement date. This fair-value hierarchy is categorized into three levels based on inputs that market participants would use in valuing the financial instruments, which is based on market data obtained from sources independent of the University. The hierarchy of inputs used to measure fair value, and the primary valuation methodologies used by the University for assets and liabilities measured at fair value, are disclosed below.

The fair value of Level 1 securities is based upon quoted prices in accessible active markets for identical assets. Market price data is generally obtained from exchange or dealer markets. The University does not adjust the quoted price for such assets.

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The fair value of Level 2 securities is determined using multiple valuation techniques including the market approach, income approach, or cost approach. It is based upon quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, and model-based valuation techniques for which all significant assumptions are observable in the market or can be corroborated by observable market data. Inputs are obtained from various sources, including market participants, dealers, and brokers. In determining the fair value of financial instruments, the University considers such factors as interest-rate yield curves, duration of the instrument, and counterparty credit risk. The fair value of Level 3 securities is based upon valuation techniques that use significant unobservable inputs.

Inputs used in applying the various valuation techniques refer to the assumptions that are used to make valuation decisions. Inputs may include price information, credit data, liquidity statistics, and other factors. A financial instrument's level within the fair-value hierarchy is based on the lowest level of any input that is significant to the fair-value measurement. The University considers observable data to be market data that is readily available, reliable, and provided by independent sources. The categorization of a financial instrument within the fair-value hierarchy is, therefore, based upon the pricing transparency of the instrument and does not correspond to the University's perceived risk of that instrument.

E. Cash and Cash Equivalents

Cash and cash equivalents include cash on hand and in bank accounts, money market funds, and other temporary investments held for working capital purposes with an original maturity term of ninety days or less. The carrying amount of cash equivalents approximates fair value because of their short terms of maturity. Short-term highly liquid investments held within the University's investment portfolio are classified as short-term investments rather than cash equivalents and restricted cash is defined as that which is legally restricted to withdrawal and usage.

F. Investments

The University's investments are recorded in the consolidated financial statements at fair value. The values of publicly traded securities are based on quoted market prices and exchange rates, if applicable. The fair value of non-marketable securities is based on valuations provided by external investment managers. These investments are generally less liquid than other investments. The values reported by the general partner or investment manager may differ from the values that would have been reported had a ready market for these securities existed. The University exercises due diligence in assessing the policies, procedures, and controls implemented by its external investment managers and believes the carrying amount of these assets is a reasonable estimate of fair value.

Investment income is recorded on an accrual basis. Purchases and sales of investment securities are reflected on a trade date basis. Realized gains and losses are calculated using average cost for securities sold.

Investment return included in operating revenues and other support consists of amounts appropriated by the Board of Trustees from the pooled endowment, as well as income and realized gains and losses on investments from working capital and non-pooled endowments and similar funds. Any difference between total return and amounts appropriated from the pooled

endowment, and income and realized gains reinvested per donor restrictions are reported as non-operating activities.

G. Derivative Instruments

The University has approved the use of derivatives by outside investment managers, based on investment guidelines negotiated when a manager is appointed. The derivatives are used to adjust fixed-income durations and rates, create synthetic exposures to certain types of investments, hedge foreign currency fluctuations as well as adjust or hedge equity exposures. The value of these derivative positions is reflected in the net asset value of the respective fund. The change in the fair value of a derivative instrument held for investment is included in the non-operating investment return in the consolidated statements of activities.

In addition, the University holds other derivatives to manage its exposure to interest-rate risk related to its current or future long-term debt. These instruments are recorded at fair value as prepaid or accrued expenses in the consolidated statements of financial position. Swap interest and change(s) in fair value are recorded as non-operating activities in the consolidated statements of activities.

Derivatives involve counterparty credit exposure. The University minimizes this exposure and manages counterparty risks by limiting swap exposure for each counterparty and monitoring the financial health of swap counterparties. The University has structured swap documents to limit maximum loss in the event of counterparty default.

H. Endowments

The responsibility for accepting, preserving, and managing those funds entrusted to the University rests, by law, with the Board of Trustees; however, the Trustees have delegated authority for investment decisions to the Investment Committee of the Board of Trustees. The Investment Committee determines investment policy, objectives, and guidelines, including allocation of assets between classes of investments.

The University's investment objective for its endowment assets is to maximize total return within reasonable risk parameters, specifically to achieve a total return, net of expenses, of at least five percent above inflation, as measured by the Consumer Price Index over rolling five-year periods. The achievement of favorable investment returns enables the University to distribute over time increasing amounts from the endowment, so that present and future needs can be treated equitably in inflation-adjusted terms. Diversification is a key component of the University's standard for managing and investing endowment funds, and asset allocation targets are subject to ongoing reviews by the Investment Committee.

The University applies the "prudent person" standard when deciding whether to appropriate or accumulate endowment funds and considers the following factors: the duration and preservation of the endowment fund; the purposes of the institution and the endowment fund; the general economic conditions, including the potential effect of inflation or deflation; the expected total return of the fund; other resources of the University; the needs of the University and the fund to make distributions and preserve capital; and the University's investment policy.

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Notes to Consolidated Financial Statements (dollars in thousands)

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The Board authorizes a total annual payout distribution from endowment funds within a target range of 4.4 percent of a twenty-eight-quarter rolling average of the unit fair value, plus or minus 0.75 percent. The Trustees may occasionally make step adjustments, either incremental or decremental, based on prior investment performance, current market conditions, or any of the factors for prudent judgment described above. Total distributions, or spending, are presented as investment return, distributed, on the consolidated statements of activities, and includes endowment payout and an administrative fee, net of direct investment expenses, that supports the investment and stewardship costs of the University endowment.

The New York Prudent Management of Institutional Funds Act (“NYPMIFA”) established a requirement related to appropriations from endowments for which the fair value falls below the historic dollar value (“underwater”). In compliance with NYPMIFA, the University notified available donors, who had established endowments before September 17, 2010, of the new law. It offered these donors the option of requiring the University to maintain historical dollar value for their endowment funds. A minority of donors requested this option; for those who did, the University has designed procedures to ensure that the University maintains historical dollar value by not expending the payout on any underwater fund.

I. Split-Interest Agreements and Funds Held in Trust by Others

The University’s split-interest agreements with donors consist primarily of charitable gift annuities, pooled income funds, and charitable trusts for which the University serves as trustee. Assets held in trust are either separately invested or included in the University’s investment pools in accordance with the agreements. Contributions of split-interest agreements, net of related liabilities, increase net assets with donor restrictions. Liabilities associated with charitable gift annuities and charitable trusts represent the present value of the expected payments to the beneficiaries based on the terms of the agreements. Pooled income funds are recognized at the net present value of the net assets expected at a future date. Gains or losses resulting from changes in fair value, changes in assumptions, and amortization of discount are recorded as changes in value of split-interest agreements in the appropriate restriction categories in the non-operating section of the consolidated statements of activities.

Funds held in trust by others represent resources that are not in the possession or under the control of the University. These funds are administered by outside trustees, with the University receiving income or residual interest. Funds held in trust by others are recognized when the irrevocable trust is established or the University is notified of its existence at the estimated fair value of assets or the present value of future cash flows due to the University. Gains or losses resulting from changes in fair value are recorded as non-operating activities in the consolidated statements of activities.

J. Land, Buildings, and Equipment, Net

Land, buildings, and equipment are stated in the consolidated statements of financial position at cost on the date of acquisition or at fair value on the date of donation, net of accumulated depreciation. Depreciation is computed using the straight-line method over the estimated useful life of the asset and is reflected as an operating expense. Useful lives range from three to fifteen years for equipment and fifteen to fifty years for buildings and improvements. Expenditures

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June 30, 2021 and 2020

associated with the construction of new facilities are recorded as construction in progress until the projects are completed.

The University's collections of art, books, and other property have been acquired through purchases and contributions since the University's inception. They are recognized as capital assets and are reflected, net of accumulated depreciation, in the consolidated statements of financial position. A collection received as a gift is recorded at fair value as an increase in net assets in the year in which it is received.

K. Leases

The University determines if an arrangement is a lease or contains a lease at a contract's inception. A contract is determined to be or contain a lease if the contract conveys the right to control the use of identified property, plant, or equipment (an identified asset) in exchange for consideration. The University determines these assets are leased because the University has the right to obtain substantially all of the economic benefits from and the right to direct the use of the identified asset. Assets in which the supplier or lessor has the practical ability, the right to substitute alternative assets for the identified asset and would benefit economically from the exercise of its right to substitute the asset are not considered to be or contain a lease, because the University determines it does not have the right to control and direct the use of the identified asset. The University's lease agreements do not contain any material residual value guarantees or material restrictive covenants.

In evaluating its contracts, the University separately identifies lease and non-lease components, such as common area and other maintenance costs, for its office buildings, apartments, and vehicles. The University has elected the practical expedient to not separate lease and non-lease components and classifies the contract as a lease if consideration in the contract allocated to the lease component is greater than the consideration allocated to the non-lease component.

Leases result in recognition of right-of-use ("ROU") assets and lease liabilities on the consolidated statements of financial position. ROU assets represent the right to use an underlying asset for the lease term. Lease liabilities represent the obligation to make lease payments arising from the lease, measured on a discounted basis. The University determines lease classification as operating or finance at the lease commencement date. ROU assets and lease liabilities for operating and finance leases are included in our consolidated statements of financial position and presented separately based on the classification of the underlying lease arrangement.

At lease inception, the lease liability is measured at the present value of the lease payments over the lease term. The ROU asset equals the lease liability adjusted for any initial direct costs, prepaid or deferred rent, and lease incentives. For the initial and subsequent measurement of all lease liabilities, the discount rate is based on the rate implied within the lease or on the University's incremental borrowing rate using a period comparable with the lease term.

The lease term may include options to extend or terminate the lease that the University is reasonably certain to exercise. Operating lease expense is generally recognized on a straight-line basis over the lease term.

L. Revenue

Tuition and fees

Tuition and mandatory fees revenue is recognized within the fiscal year in which educational services are provided. Institutional financial aid reduces the published price of tuition for students receiving such aid. Payments received in advance for summer session courses for credit toward a degree are recorded as deferred revenue.

State and Federal Appropriations

Revenue primarily consists of annual New York State appropriations through the legislative process and federal funding to Land Grant institutions via the Hatch, Smith-Lever, and other Acts in support of the contract colleges, and it is recognized over the fiscal year.

Grants and Contracts

Revenue under grants, contracts, and similar agreements comprise federal and non-federal (e.g., state, private foundation) grants and contracts. The funding may represent a reciprocal transaction in exchange for a commensurate benefit in return, or it may be a nonreciprocal transaction in which the resources provided are for the benefit of the University, the funding organization's mission, or the public at large. All federal grants and non-federal grants with similar restrictions on spending are conditional, and revenue is recognized when expenditures are incurred. When the condition(s) and restrictions are met within the same year, revenue is recorded within net assets without donor restrictions. Unconditional non-exchange revenue is recognized in full when the contribution is received or a qualifying promise to give has been made, generally when the agreement is finalized. Revenues from exchange transactions are recognized as performance obligations satisfied, whether milestones are achieved or related costs are incurred. Amounts received in advance for which revenue recognition criteria have not been met are recorded as deferred revenues.

Grants, contracts, and similar agreements typically provide for reimbursement of indirect costs based on predetermined rates negotiated with the University's cognizant federal agency or separately negotiated with a non-federal sponsor. Indirect cost recoveries on federally sponsored programs, such as the recovery of facilities and administrative (F&A) costs, are normally at reimbursement rates negotiated with the University's cognizant agency, the Department of Health and Human Services. The University has entered into agreements with the federal government that define the rates at which the University can be reimbursed for F&A costs applicable to federal awards through June 30, 2022 (Ithaca campus) and June 30, 2021 (Weill Cornell Medicine). These agreements remain effective, using provisional rates, until such time a new agreement is reached.

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Additional information regarding grant and contract revenue is presented below.

GRANTS, CONTRACTS AND SIMILAR AGREEMENTS

2021	Exchange	Non-Exchange	2021 Total
Federal	\$ 16,692	\$ 602,010	\$ 618,702
State & local	33,301	9,808	43,109
Private	205,068	56,185	261,253
Total Grants, contracts and similar agreements	\$ 255,061	\$ 668,003	\$ 923,064

2020	Exchange	Non-Exchange	2020 Total
Federal	\$ 21,166	\$ 563,099	\$ 584,265
State & local	40,189	9,757	49,946
Private	196,662	51,773	248,435
Total Grants, contracts and similar agreements	\$ 258,017	\$ 624,629	\$ 882,646

Federal revenue is primarily nonreciprocal and conditional. A significant portion of private revenue is received in exchange for benefit to the Qatar Foundation related to the operation of Weill Cornell Medicine-Qatar. On June 30, 2021, the University has unrecorded conditional agreements of \$1,617,946.

Contributions

Contributions, including unconditional promises to give (pledges), are recognized as revenues in the appropriate category of net assets in the period received. A pledge is recorded at the present value of estimated future cash flows, based on an appropriate discount rate determined by management at the time of the contribution. Amortization of this discount in subsequent years is included in contribution revenue. A contribution of assets other than cash is recorded at its estimated fair value on the contribution date. Contributions for capital projects, endowments, and similar funds are reported as non-operating revenues.

The presence of both a barrier and a right of return make a contribution conditional. Conditional promises to give to the University are not recognized until the conditions are satisfied. Net assets with donor restrictions include contributions to the University and to the Cornell University Foundation (the "Foundation"), an affiliated entity that is included in the consolidated financial statements. The Foundation maintains a donor-advised fund for which the donors can make recommendations to the fund's trustees regarding distributions to the University or other charitable organizations. Distributions from the Foundation to external charitable organizations are recorded as non-operating expenses.

Medical Physician Organization

The Medical Physician Organization ("MPO") provides the management structure for the practice of medicine for all WCM physicians at the academic medical center and various clinical practice sites throughout New York City and surrounding areas. MPO revenue represents patient

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care and management service agreement fees. In addition to generating clinical practice revenue, MPO members may provide instruction and conduct research activities.

MPO patient care revenue is consideration received in exchange for clinical health care services provided to patients. The patient is the customer, regardless of the payor. The contract with the patient exists when the parties have approved the contract for clinical health care services either in writing, verbally or implicitly, based on the MPO's customary business practice. Outpatient services are recognized as the service is provided.

For Medicare, Medicaid, and commercial payors, the transaction price is the amount the MPO expects to be entitled to under the contract, including explicit price concessions. For self-pay, deductibles, and co-payments, the transaction price is reduced by implicit price concessions, including estimates of uncollectible amounts. These estimates are based on policies and customary business practices of providing service regardless of the ability to pay, combined with historical collection rates.

The MPO uses a portfolio approach to account for categories of patient contracts rather than recognizing revenue on an individual contract basis. The contracts are categorized and grouped based on the service provided, the payor, and the service location. Based on historical collection trends and other analyses, the MPO believes that revenue recognized using the portfolio approach approximates the revenue that would have been recognized had an individual contract approach been used.

Revenue from management service agreement fees is consideration received in exchange for services provided to an external healthcare provider. Under terms of these contractual arrangements, WCM physicians provide services such as patient care or supervision and teaching of medical staff. The agreements are typically for a one-year term, and consideration is a fixed amount. Revenue is recognized throughout the fiscal year as services are rendered.

Additional information regarding MPO revenue is presented below.

MEDICAL PHYSICIAN ORGANIZATION REVENUE

	<u>2021</u>	<u>2020</u>
Outpatient Services		
Commercial	\$ 670,916	\$ 597,840
Government	102,932	92,761
Patient and other	187,519	149,069
	<u>961,367</u>	<u>839,670</u>
Management Service Agreements	214,828	191,492
Total	<u>\$ 1,176,195</u>	<u>\$1,031,162</u>

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Auxiliary enterprises

Auxiliary enterprises support the educational experience of students, and include housing, dining, and the campus store. Housing and dining revenues are recognized over the course of the academic year and campus store revenue is recognized at the time of the transaction.

Educational Activities and Other Sales and Services

Educational activities and other sales and services represent revenue from operations related to the University's mission. These activities are managed like commercial entities. The largest component of this category is consideration received at WCM from New York-Presbyterian Hospital ("NYPH") in exchange for providing personnel, space, and other services. The revenue is billed based upon an approved annual joint budget and actual costs incurred. WCM recognizes revenue throughout the fiscal year as services are rendered to NYPH and accrues for any unbilled services as of June 30.

Educational activities and other sales and services also include activities such as royalties, transportation, parking, testing labs, teaching hotel, non-degree/non-credit course revenue, and athletics. These activities comprise exchange transactions with customers, which may be recognized at a specific point in time or over the period of the contract, depending on when the customer derives the benefit. Amounts received in advance are recorded as deferred revenues.

M. Comparative Financial Information

The consolidated statements of activities includes prior-year information in summary form rather than by restriction class. Such information does not include sufficient detail to constitute a presentation of prior-year data in conformity with U.S. GAAP. Accordingly, such information should be read in conjunction with the University's consolidated financial statements for the prior fiscal year from which the summarized information was derived.

N. Accounting Pronouncements

In August 2018, the FASB issued ASU 2018-13, ASC 820 Fair Value Measurement. The new guidance simplifies fair value measurement disclosures by removing and modifying several investment-related disclosure requirements. Certain disclosures are no longer required, including the amount of and reasons for transfers between Levels 1 and 2, a policy for timing of transfers between levels, and valuation processes of Level 3 investments. The University adopted ASU 2018-13 in the fiscal year 2021, and there was no material impact on the University's consolidated financial statements.

In March 2020, the FASB issued ASU 2020-04, Reference Rate Reform (Topic 848): Facilitation of the Effects of Reference Rate Reform on Financial Reporting. In January 2021, the FASB subsequently issued ASU 2021-01, Reference Rate Reform (Topic 848), to amend the scope of the original guidance. The collective guidance provides temporary optional guidance to ease the potential burden in accounting for reference rate reform due to the discontinuation of the London Interbank Offered Rate ("LIBOR"). The amendments apply to contracts, hedges, and other transactions affected by reference rate reform due to reference to LIBOR or another reference rate expected to be discontinued. The standard is effective immediately and can be applied through December 31, 2022. The University assessed the impact of this transition across

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its investment holdings. The LIBOR exposure in the University's long-term investment ("LTI") portfolio is considered minimal at this point. Benchmarks, manager fees, and service provider contracts associated with the LTI are not expected to be impacted by the transition. Interest rate swaptions in the current portfolio will expire before the end of the deadline while LIBOR is still in place. While the full impact of ASU 2020-04 on the consolidated financial statements is still being assessed, the University does not expect the impact to be material.

In September 2020, the FASB issued ASU 2020-07, Presentation and Disclosures by Not-for-Profit Entities for Contributed Nonfinancial Assets. The new guidance amends ASC 958-05, requiring not-for-profit entities to present contributed nonfinancial assets as a separate line item in the statements of activities, apart from contributions of cash and other financial assets, and disclose contributed nonfinancial assets. Not-for-profits entities are required to disclose the disaggregation of the amount of contributed nonfinancial assets, which is recognized within the statements of activities, by the category that depicts the type of contributed nonfinancial asset. The standard is effective for the fiscal year 2022.

O. Reclassifications

Certain June 30, 2020, balances and amounts previously reported have been reclassified to conform to the June 30, 2021, presentation.

2. LIQUIDITY AND AVAILABILITY

Financial assets available for general expenditure within one year of June 30 are as follows:

LIQUIDITY AND AVAILABILITY		
	2021	2020
Total assets	\$ 17,907,729	\$ 14,850,618
Less:		
Endowment funds and other illiquid investments	10,539,978	7,481,171
Land, buildings, and equipment, net	4,314,495	4,286,656
Contributions receivable, net, due after one year	507,867	531,715
Right-of-use assets, operating leases, net	448,191	465,124
Funds held in trust by others	152,751	149,033
Prepaid expenses and other assets	142,739	134,024
Right-of-use assets, finance leases, net	111,456	114,036
Reinsurance receivable	110,185	116,010
Student loans receivable, net	55,161	63,211
Financial assets available within one year	\$ 1,524,906	\$ 1,509,638

Included within Endowment funds and other illiquid investments above is \$1,726,967 and \$1,297,912 in funds functioning as endowment (FFE) as of June 30, 2021, and 2020, respectively. These represent unrestricted operating funds that the University has internally designated. These could be liquidated over time, if necessary, to support operations.

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The University manages its financial assets to be available as its operating expenditures, liabilities, and other obligations come due. The University's cash flows have seasonal variations during the year primarily attributable to tuition billing and a concentration of contributions received at the calendar and fiscal year-end.

As of June 30, 2021, the University maintained four lines of credit totaling \$300 million; with \$25 million expiring January 2022, \$100 million expiring March 2022, \$75 million expiring April 2022, and \$100 million expiring July 2025. There were no outstanding borrowings under these agreements.

As of June 30, 2020, the University maintained three lines of credit totaling \$200 million; with \$25 million expiring January 2021, \$100 million expiring March 2021, and \$75 million expiring April 2021. There were no outstanding borrowings under these agreements.

In addition, the University has a taxable commercial paper program with an undrawn available balance of \$146.1 million as of June 30, 2021, and 2020.

3. RECEIVABLES

A. Accounts Receivable

Accounts receivable from the following sources were outstanding as of June 30:

SUMMARY OF ACCOUNTS RECEIVABLE

	2021	2020
Grants and contracts	\$ 137,893	\$ 112,954
New York-Presbyterian Hospital and other affiliates	83,103	70,548
Patients (net of price concessions and bad debt allowances)	104,732	61,424
Reinsurance receivable	110,185	116,010
Federal revolving student loans	17,632	23,262
Institutional student loans	37,529	39,949
Student accounts	26,206	13,066
Other	94,291	80,940
Net accounts receivable	\$ 611,571	\$ 518,153

The University's receivables are reviewed and monitored for aging and other factors that affect collectability. Receivables are reduced by an allowance for doubtful accounts of \$33,243 and \$32,286 at June 30, 2021, and 2020, respectively.

The patient accounts receivable for medical services comprises the following on June 30, 2021, and 2020, respectively: commercial third parties 79.1 percent and 79.1 percent; federal and state government 14.7 percent and 13.5 percent; and patients 6.2 percent and 7.4 percent. Note 13 provides additional information related to the reinsurance receivable.

Other accounts receivable include receivables from other government agencies, matured bequests, and other operating activities.

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B. Contributions Receivable

Unconditional promises to give, or pledges, are recorded in the consolidated financial statements at the present value using discount rates ranging from 1.2 percent to 7.0 percent. The methodology for estimating uncollectible amounts is based on an analysis of the historical collectability of contributions receivable. Contributions are expected to be realized as follows:

SUMMARY OF CONTRIBUTIONS RECEIVABLE

	<u>2021</u>	<u>2020</u>
Less than one year	\$ 270,304	\$ 246,884
Between one and five years	476,655	490,228
More than five years	123,207	149,325
Gross contributions receivable	<u>\$ 870,166</u>	<u>\$ 886,437</u>
Less: unamortized discount	(59,571)	(75,396)
Less: allowance for uncollectible amounts	<u>(32,424)</u>	<u>(32,442)</u>
Net contributions receivable	\$ 778,171	\$ 778,599

Contributions receivable as of June 30 are intended for the following purposes:

EXPECTED PURPOSE OF CONTRIBUTIONS RECEIVABLE

	<u>2021</u>	<u>2020</u>
Program support	\$ 346,219	\$ 329,335
Capital purposes	138,267	130,942
Long-term support	293,685	318,322
Net contributions receivable	<u>\$ 778,171</u>	<u>\$ 778,599</u>

On June 30, 2021, conditional promises not reflected in the consolidated financial statements, which consist primarily of bequest intentions and conditional promises with significant requirements, were \$999,926. When conditional promises to give become unconditional or payments from bequests are received, they are recorded and generally will be restricted for long-term support, program support, and capital projects as stipulated by the donors.

4. INVESTMENTS

A. General Information

The University's investments are overseen by the Investment Committee of the Board of Trustees. The University's investment strategy incorporates a diversified asset allocation approach and maintains, within defined limits, exposure to the movements of the world equity, fixed income, commodities, real estate, and private equity markets. Based on guidelines established by the Investment Committee, the University's Investment Office directs the investment of endowment and trust assets, certain working capital, and temporarily invested expendable funds.

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The University maintains a number of investment pools or categories for specific purposes as follows:

INVESTMENT POOLS/CATEGORIES AT FAIR VALUE

	<u>2021</u>	<u>2020</u>
Long-term investments (LTI)		
Long-term investment pool (LTIP)	\$ 9,389,207	\$ 6,763,144
Other LTI	639,273	455,544
Total LTI	<u>\$ 10,028,480</u>	<u>\$ 7,218,688</u>
Separately invested and other assets	574,948	594,822
Total investments	<u>\$ 10,603,428</u>	<u>\$ 7,813,510</u>

Total earnings on the University's investment portfolio for the fiscal years ended June 30 is presented in the following table:

SUMMARY OF INVESTMENT RETURN

	<u>2021</u>	<u>2020</u>
Interest and dividends, net of investment fees	\$ 52,884	\$ 53,231
Net realized gain/(loss)	720,187	196,218
Net unrealized gain/(loss)	2,164,441	(87,461)
Total investment return	<u>\$ 2,937,512</u>	<u>\$ 161,988</u>

Total investment return equals investment return, distributed plus investment return, net of amount distributed.

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B. Fair Value

The University's investment holdings as of June 30, categorized in accordance with the fair-value hierarchy, are summarized in the following tables:

INVESTMENTS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	Net asset value	2021 Total
Short-term investments	\$ 158,480	\$ 2,451	\$ -	\$ -	\$ 160,931
Derivatives	-	5,087	-	-	5,087
Equity					
Domestic equity	482,168	346,689	172	-	829,029
Foreign equity	519,153	440,217	2,260	450,326	1,411,956
Hedged equity	-	-	1,508	-	1,508
Private equity	-	188,270	61,115	3,216,852	3,466,237
Fixed income					
Asset backed fixed income	-	12,882	-	-	12,882
Corporate bonds	89	78,776	4,005	-	82,870
Equity partnership	-	-	-	737,734	737,734
International	-	15,962	992	-	16,954
Municipals	-	2,022	-	-	2,022
Mutual funds (non-equity)	10,758	7,124	-	-	17,882
Preferred/convertible	9,491	258	1,264	-	11,013
Other fixed income	-	179	-	-	179
US government	643,913	35,817	-	-	679,730
Marketable alternatives	-	82,881	-	1,503,139	1,586,020
Diversifying Assets	-	-	-	45,675	45,675
Real assets	15,889	-	17,643	1,418,418	1,451,950
Receivable for investments sold	22,039	-	-	-	22,039
Payable for investments purchased	(29,439)	-	-	-	(29,439)
Other	-	-	19,682	4,945	24,627
Total	\$1,832,541	\$1,218,615	\$ 108,641	\$ 7,377,089	\$10,536,886
				Equity Method	66,542
				Total investments	<u>\$10,603,428</u>

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INVESTMENTS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	Net asset value	2020 Total
Short-term investments	\$ 160,989	\$ 3,660	\$ -	\$ -	\$ 164,649
Derivatives	-	7,276	-	-	7,276
Equity					
Domestic equity	291,449	239,476	394	-	531,319
Foreign equity	351,412	361,471	1,447	450,758	1,165,088
Hedged equity	-	-	2,057	-	2,057
Private equity	-	-	50,726	1,915,955	1,966,681
Fixed income					
Asset backed fixed income	214	15,460	-	-	15,674
Corporate bonds	215	94,484	4,725	-	99,424
Equity partnership	-	29	-	608,061	608,090
International	476	57,889	784	-	59,149
Municipals	64	2,218	-	-	2,282
Mutual funds (non-equity)	10,450	8,637	-	-	19,087
Preferred/convertible	1,267	-	4,412	-	5,679
Other fixed income	-	135	2,489	-	2,624
US government	461,471	130,104	-	-	591,575
Marketable alternatives	-	65,074	-	1,205,146	1,270,220
Diversifying Assets	-	-	-	39,441	39,441
Real assets	14,292	-	18,653	1,153,150	1,186,095
Receivable for investments sold	13,739	-	-	-	13,739
Payable for investments purchased	(17,994)	-	-	-	(17,994)
Other	-	-	16,651	4,631	21,282
Total	\$1,288,044	\$ 985,913	\$ 102,338	\$ 5,377,142	\$ 7,753,437
				Equity Method	60,073
				Total investments	<u>\$ 7,813,510</u>

Level 1 investments consist of short-term investments, equity, and fixed-income securities with observable market prices. Fair value is readily determinable based on quoted prices in active markets. Unsettled trade receivable and payable valuations reflect cash settlements after the fiscal year-end and are also categorized as Level 1. The University does not adjust the quoted price for such instruments, even when it holds a significant position and a sale of all its holdings could reasonably impact the quoted price.

Investments classified as Level 2 include short-term investments, domestic and foreign equities, and fixed income securities that trade in markets that are not considered to be active. Fair value is based on observable inputs for similar instruments in the market and obtained by various sources, including market participants, dealers, and brokers. The University's custodian secures pricing for these assets. The fair value of derivative investments is based on market prices from the financial institution that is the counterparty to the derivative.

On July 1, 2021, the University sold its investment holdings in two private equity partnerships for approximately \$188 million. The sale price for these investments was used as the fair value on June 30, 2021, within the consolidated financial statements and was classified as level 2 within the fair value hierarchy.

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Level 3 investments have significant unobservable inputs because they trade infrequently or not at all. The inputs into determining fair value are based upon the best information in the circumstance and may require significant management judgment. Investments included in Level 3 consist primarily of the University's ownership in real estate, oil and mineral rights, limited partnerships, and equity positions in private companies.

Equity method investments include certain other investments that are accounted for using the equity method. These investments are structured as joint ventures where the University holds a percent ownership.

C. Investments Using Net Asset Value

The net asset value ("NAV") column above represents the University's ownership interest in certain alternative investments. As a practical expedient, the University uses its ownership interest in the NAV to determine the fair value of all alternative investments that do not have a readily determinable fair value and that have financial statements consistent with the measurement principles of an investment company or the attributes of an investment company. The NAV of these investments is determined by the general partner. It is based on appraisals or other estimates that require varying degrees of judgment. If no public market exists for the investment securities, the general partner will take into consideration, among other things, the cost of the securities, prices of recent significant placements of securities of the same issuer, and subsequent developments concerning the companies to which the securities relate. The University has performed significant due diligence around these investments to ensure that the NAV is an appropriate measure of fair value as of June 30.

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The following tables provide additional information about alternative investments measured at NAV as of June 30, 2021, and 2020, respectively:

SUMMARY OF ALTERNATIVE INVESTMENTS MEASURED USING NET ASSET VALUE

2021

Asset class	NAV in funds	Unfunded commitments	Timing to draw commitments	Redemption terms*
Private equity	\$ 3,216,852	\$ 600,085	1 to 10 years	Unknown - These funds are in private structures, with no ability to be redeemed
Real assets	1,418,418	413,285	1 to 10 years	Unknown - These funds are in private structures, with no ability to be redeemed
Fixed income	737,734	168,496	1 to 10 years	No redemptions available for funds in a private equity structure; balance includes 4% available daily, 12% within 7 to 15 days, 5% monthly with 30-days notice, 10% 1-year redemptions with 90-days notice, 1% with rolling 2-year redemptions with 90-days notice, and less than 1% within 5 years
Foreign equity	450,326	None	N.A.	Ranges between thrice-monthly redemption with 2-days notice, to rolling 3-year redemption with 90-days notice
Marketable alternatives	1,503,139	None	N.A.	Ranges between quarterly redemption with 30-days notice, to 33% redemption per year with 60-days notice
Diversifying assets	45,675	None	N.A.	Available within 7 days
Other	4,945	None	N.A.	Unknown - These funds are in private structures, with no ability to be redeemed
Total	\$ 7,377,089	\$ 1,181,866		

* Represents initial investment lock up restriction. No other material redemption restrictions, such as redemption gates, were in place at year end.

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SUMMARY OF ALTERNATIVE INVESTMENTS MEASURED USING NET ASSET VALUE

2020

Asset class	NAV in funds	Unfunded commitments	Timing to draw commitments	Redemption terms*
Private equity	\$ 1,915,955	\$ 632,334	1 to 10 years	Unknown - These funds are in private structures, with no ability to be redeemed
Real assets	1,153,150	370,648	1 to 10 years	Unknown - These funds are in private structures, with no ability to be redeemed
Fixed income	608,061	198,289	1 to 10 years	No redemptions available for funds in a private equity structure; balance includes 4% available daily, 12% within 7 to 15 days, 7% 1-year redemptions with 90-days notice, 2% with rolling 2-year redemptions with 90-days notice, and 2% within 5 years
Foreign equity	450,758	None	N.A.	Ranges between thrice-monthly redemption with 2-days notice, to rolling 3-year redemption with 90-days notice
Marketable alternatives	1,205,146	None	N.A.	Ranges between quarterly redemption with 30-days notice, to 33% redemption per year with 60-days notice
Diversifying assets	39,441	None	N.A.	Available within 7 days
Other	4,631	None	N.A.	Unknown - These funds are in private structures, with no ability to be redeemed
Total	<u>\$ 5,377,142</u>	<u>\$ 1,201,271</u>		

* Represents initial investment lock up restriction. No other material redemption restrictions, such as redemption gates, were in place at year end.

D. Level 3 Investments

The tables below present a summary of Level 3 investment activity. All net realized and unrealized gains/(losses) in the tables are reflected in the accompanying consolidated statements of activities. Net unrealized gains/(losses) relate to those financial instruments held by the University on June 30, 2021, and 2020, respectively. There were no significant transfers into or out of Level 3 during the fiscal year ended June 30, 2021. During the fiscal year ended June 30, 2020, transfers out of Level 3 and into Level 1 included \$1,436 of foreign equity. The transfers were a result of a change in observable inputs used in the pricing methodology.

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SUMMARY OF LEVEL 3 INVESTMENT ACTIVITY

	Fair value at June 30, 2020	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value at June 30, 2021
Equity							
Domestic equity	\$ 394	\$ (219)	\$ 22	\$ -	\$ (25)	\$ -	\$ 172
Foreign equity	1,447	1	309	503	-	-	2,260
Hedged equity	2,057	(22)	(451)	-	(76)	-	1,508
Private equity	50,726	107	3,450	6,963	(131)	-	61,115
Fixed income							
Asset backed fixed income	-	-	-	-	-	-	-
Corporate bonds	4,725	-	(685)	-	(35)	-	4,005
International	784	-	(4)	212	-	-	992
Preferred/convertible	4,412	1,751	(810)	-	(4,089)	-	1,264
Other fixed income	2,489	(4,117)	134	1,494	-	-	-
Real assets	18,653	(140)	(870)	-	-	-	17,643
Other	16,651	42	489	2,807	(307)	-	19,682
Total level 3 investments	\$ 102,338	\$ (2,597)	\$ 1,584	\$ 11,979	\$ (4,663)	\$ -	\$ 108,641

SUMMARY OF LEVEL 3 INVESTMENT ACTIVITY

	Fair value at June 30, 2019	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value at June 30, 2020
Equity							
Domestic equity	\$ 867	\$ (3,667)	\$ (716)	\$ 7,577	\$ (3,667)	\$ -	\$ 394
Foreign equity	2,599	1	(497)	1,283	(503)	(1,436)	1,447
Hedged equity	2,526	(140)	60	98	(487)	-	2,057
Private equity	52,040	(25)	(1,993)	749	(45)	-	50,726
Fixed income							
Asset backed fixed income	790	630	(373)	-	(1,047)	-	-
Corporate bonds	1,730	(4,033)	(252)	7,280	-	-	4,725
International	553	-	39	221	(29)	-	784
Preferred/convertible	5,057	2	(644)	-	(3)	-	4,412
Other fixed income	-	673	(134)	3,319	(1,369)	-	2,489
Real assets	18,749	(239)	194	-	(51)	-	18,653
Other	12,602	(1)	1,531	2,519	-	-	16,651
Total level 3 investments	\$ 97,513	\$ (6,799)	\$ (2,785)	\$ 23,046	\$ (7,201)	\$ (1,436)	\$ 102,338

Level 3 equities not priced by qualified third parties (e.g., brokers, pricing services) are valued using discounted cash flows, considering various factors including nonperformance risk, counterparty risk, and marketability. Investment value is also derived using a market approach through comparison to recent and relevant market multiples of comparable companies. Start-up assets, held by the University's student-run venture fund or other similar programs, are maintained at or near initial investment amounts due to the nature of the activity.

Level 3 asset-backed fixed-income investments are valued using discounted cash flows. Preferred or convertible fixed-income investments are valued using discounted cash flows or a

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market approach using a dividend multiplier. Investments in start-up companies, as described above, are valued at or near initial investment amounts.

Level 3 real assets represent directly owned real estate and oil or mineral rights. To the extent feasible, third-party appraisals are used to value real estate directly owned by the University. If current appraisals are not available, fair value is based on the capitalization rate valuation model or discounted cash flow, corroborated by local market data, if available. Oil and mineral rights are valued based on industry-standard revenue multiplier methodologies or discounted cash flows.

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The following table provides additional information related to the valuation of the investments classified by the University as Level 3.

QUANTITATIVE INFORMATION ABOUT LEVEL 3 FAIR VALUE MEASUREMENT

	Level 3 fair value	Valuation technique(s)	Unobservable inputs	Range (weighted average) ^a
Equity				
Domestic equity	\$ 172	Start-up valuation		
Foreign equity	2,260	Third-party valuation		
Hedged equity	1,508	Third-party valuation		
Private equity	25,088	Discounted cash flow	Discount rate	4% - 11% (4.9%)
			Discount for lack of marketability	0%-20% (12.5%)
	11,502	Start-up valuation		
	24,525	Third-party valuation		
Fixed income				
Corporate bonds	4,005	Third-party valuation		
International	992	Third-party valuation		
Preferred/convertible	1,175	Market comparable	Dividend multiple	18.5x - 19.4x (18.8x)
	89	Start-up valuation		
Real assets	2,076	Discounted cash flow	Discount rate	9.5% - 15% (11.2%)
	1,212	Sales comparison	Recent transactions	
	4,348	Third-party valuation		
	10,007	Cap rate valuation model	Capitalization rate	4.4%
Other	11,484	Discounted cash flow	Discount rate	0% - 5.3% (0.9%)
			Years to maturity	1 - 14 (4)
	5,394	Start-up valuation		
	2,804	Third-party valuation		
Total Level 3 investments	\$ 108,641			

(a) Unobservable inputs were weighted by the relative fair value of the instruments

The methods described above may produce a fair-value calculation that is not indicative of net realizable value or reflective of future fair values. Furthermore, while the University believes its valuation methods are appropriate and consistent with other market participants, using different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different estimate of fair value at the reporting date.

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E. Derivative Holdings

The use of certain financial derivative instruments is governed by either the University's written investment policy, specific manager guidelines, or partnership or fund agreement documents. Specifically, financial derivative instruments may be used to manage foreign currency exposure, obtain commodity exposure, create synthetic exposure, or obtain protection against increases in interest rates. These derivatives, based on definitions in GAAP, are not designated as hedging instruments.

The University entered into option contracts on interest-rate swaps to mitigate the impact of a significant rise in interest rates in the future. Under the terms of certain option contracts on interest-rate swaps, the University is obligated to make future premium payments. The University had no unfunded premium payment commitments on June 30, 2021. On June 30, 2020, the University had unfunded premium payment commitments of \$1,024.

The following table provides detailed information on the derivatives included in the investment portfolio as of June 30.

FAIR VALUE OF DERIVATIVE HOLDINGS IN STATEMENT OF FINANCIAL POSITION

Location	Derivative type	2021			2020		
		Notional amount	# of Contracts	Fair value	Notional amount	# of Contracts	Fair value
Investments	Foreign currency	\$ -	27	\$ 230	\$ -	20	\$ 401
	Commodity	136,642	53	3,373	341,629	4	6,101
	Synthetic	742,666	7	1,704	294,387	5	1,781
	Interest rate	-	1	(220)	-	2	(1,007)
	Total fair value	\$ 879,308	88	\$ 5,087	\$ 636,016	31	\$ 7,276

5. LAND, BUILDINGS, AND EQUIPMENT, NET

A. General Information

Land, buildings, and equipment are detailed as follows:

LAND, BUILDINGS, AND EQUIPMENT

	Book value at June 30, 2021	Book value at June 30, 2020
Land, buildings, and equipment	\$ 6,790,426	\$ 6,686,013
Furniture, equipment, books, and collections	1,516,515	1,458,334
Construction in progress	435,965	303,803
Total before accumulated depreciation	\$ 8,742,906	\$ 8,448,150
Accumulated depreciation	(4,428,411)	(4,161,494)
Net land, buildings, and equipment	\$ 4,314,495	\$ 4,286,656

Certain properties, for which the University has possession and beneficial use for an indefinite period and which other entities may also record as assets, are included in the consolidated

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statements of financial position, as follows: (1) land, buildings, and equipment of the contract colleges aggregating \$740,578 and \$748,915 on June 30, 2021, and 2020, respectively, the acquisition cost of which was borne primarily by New York State, and (2) land, buildings, and equipment for which titles rest with government and corporate agencies aggregating \$511 and \$576 on June 30, 2021, and 2020, respectively.

The future commitments on capital projects in progress, excluding projects funded by New York State, are approximately \$85,080 on June 30, 2021.

B. Cornell Tech Campus

In December 2011, in partnership with Technion-Israel Institute of Technology, the University won the Applied Sciences NYC competition to build and operate a new applied sciences and engineering campus in New York City. The city committed, through the New York City Economic Development Corporation (“NYCEDC”), a location and seed funding for the initial construction of the new campus. Under the terms of the agreement with the NYCEDC and the ninety-nine-year ground lease for Roosevelt Island, the University committed to creating the new applied sciences campus in three phases, with milestones in 2017, 2027, and 2037. In addition, the University has enrollment, faculty, and other operational commitments as part of the agreement.

In 2014, the University broke ground on Roosevelt Island, taking the first steps toward completing the Phase I development commitments, which include the first academic building, a residential building, a corporate co-location space, and an executive education facility. The total cost of demolition of the existing structures on the site is considered to be a prepaid cost of the ground lease and will be amortized over the term of the lease. On June 30, 2021, the unamortized amount of the demolition costs is \$53,750.

On March 31, 2016, the University entered a joint venture with the Hudson Companies through its subsidiary H/R Tech Residential LLC. The joint venture, called Hudson Cornell Residential JV LLC, aims to construct and operate the residential facility on the Cornell Tech campus. The University has an equity interest of 86.59 percent and controlling financial interest and, therefore, consolidates the joint venture. This consolidation resulted in \$118,294 included in land, buildings, and equipment, net attributed to the joint venture on June 30, 2021. In addition, Hudson Cornell Tech LLC, a subsidiary of Hudson Cornell Residential JV LLC, held bonds and notes payable related to the construction of the residential building (“The House at Cornell Tech”) (see Note 9A) on June 30, 2021. Net assets without donor restrictions of \$2,994 and \$3,680, representing the noncontrolling interest of H/R Tech Residential LLC, are consolidated into the University’s net assets on June 30, 2021, and 2020, respectively. Operating activity related to the joint venture is immaterial in the current fiscal year.

The Tata Innovation Center is a corporate co-location building and condominium association comprising a “Cornell Unit” and other units initially owned by the developer or its affiliates. The University has entered into a lease agreement for the Cornell Unit for a term of thirty-five years. As part of the lease agreement, the University has made a commitment in the form of gap rent for the developer’s units in an amount not to exceed \$2,982 annually, or \$44,731 over twenty years. The annual amount of gap rent is adjusted based on the occupancy level in the developer’s

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units. During the years ended June 30, 2021, and June 30, 2020, gap rent payments were made of \$2,982.

Cornell Tech met its first milestone when faculty, staff, and researchers moved into the first academic building (Bloomberg Center) on Roosevelt Island during the summer of 2017. Students, faculty, and researchers moved into The House at Cornell Tech in advance of the fall semester. In addition, programs and operations in the Bloomberg Center and The Tata Innovation Center began during the 2017-2018 academic year, rounding out the University's operational commitments.

6. OBLIGATIONS UNDER SPLIT-INTEREST AGREEMENTS AND FUNDS HELD IN TRUST BY OTHERS

The University reports its obligations under split-interest agreements at fair value. The fair value of the obligations are calculated annually and considered Level 3 in the fair-value hierarchy. The discount rate is based on average return of investment-grade corporate bonds, weighted using a schedule of actuarial estimates of the lives of the income beneficiaries and the relative value of the agreements.

The University's interest in funds held in trust by others is considered Level 3 in the fair-value hierarchy. Trusts in which the University has an income interest are valued annually using estimated cash flows based on average actual income over three years. Remainder interests are determined using present value calculations based on annual valuation reports received from the funds' trustees. The discount rates used to estimate present value are based on the average return of investment-grade corporate bonds, weighted according to a schedule of actuarial estimates.

The following tables summarize the fair values and activity of funds held in trust by others and obligations under split interest agreements.

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SPLIT-INTEREST AGREEMENTS AT FAIR VALUE AND LEVEL 3 QUANTITATIVE INFORMATION

	<u>2021</u> Total	<u>Valuation</u> <u>methodologies</u>	<u>Unobservable</u> <u>inputs</u>	Range (weighted average)
Funds held in trust by others				
Remainder	\$ 64,365	Present value calculation	Discount rate Years to maturity	2.50% 0-52 (15)
Lead and perpetual	<u>88,386</u>	Discounted cash flow	Discount rate	3.46%
Total funds held in trust by others	\$ 152,751			
Obligations under split-interest agreements	\$ 137,099	Discounted cash flow	Discount rate Years to maturity	3.02% 0-63 (16)

	<u>2020</u> Total	<u>Valuation</u> <u>methodologies</u>	<u>Unobservable</u> <u>inputs</u>	Range (weighted average)
Funds held in trust by others				
Remainder	\$ 57,325	Present value calculation	Discount rate Years to maturity	2.43% 0-53 (17)
Lead and perpetual	<u>91,708</u>	Discounted cash flows	Discount rate	3.05%
Total funds held in trust by others	\$ 149,033			
Obligations under split-interest agreements	\$ 136,909	Discounted cash flows	Discount rate Years to maturity	2.94% 0-65 (16)

SUMMARY OF LEVEL 3 SPLIT-INTEREST AGREEMENT ACTIVITY

	Fair value at June 30, 2020	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value at June 30, 2021
Funds held in trust by others							
Remainder	\$ 57,325	\$ 1,265	\$ 6,919	\$ -	\$ (1,144)	\$ -	\$ 64,365
Lead and perpetual	<u>91,708</u>	<u>(130)</u>	<u>(3,192)</u>	-	-	-	88,386
Total funds held in trust by others	\$ 149,033	\$ 1,135	\$ 3,727	\$ -	\$ (1,144)	\$ -	\$ 152,751
Obligations under split-interest agreements	\$ 136,909	\$ -	\$ 190	\$ -	\$ -	\$ -	\$ 137,099

	Fair value at June 30, 2019	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value at June 30, 2020
Funds held in trust by others							
Remainder	\$ 59,618	\$ 4,252	\$ 2,401	\$ -	\$ (8,946)	\$ -	\$ 57,325
Lead and perpetual	<u>73,562</u>	<u>18,317</u>	<u>(171)</u>	-	-	-	91,708
Total funds held in trust by others	\$ 133,180	\$ 22,569	\$ 2,230	\$ -	\$ (8,946)	\$ -	\$ 149,033
Obligations under split-interest agreements	\$ 134,087	\$ -	\$ 2,822	\$ -	\$ -	\$ -	\$ 136,909

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7. DEFERRED BENEFITS

A. General Information

Accrued employee benefit obligations as of June 30 include the following:

SUMMARY OF DEFERRED BENEFITS

	<u>2021</u>	<u>2020</u>
Postemployment benefits	\$ 36,288	\$ 34,146
Pension and other postretirement benefits	425,895	473,283
Other deferred benefits	<u>226,577</u>	<u>196,287</u>
Total deferred benefits	\$ 688,760	\$ 703,716

Accrued postemployment benefits include workers' compensation and medical continuation benefits for those on long-term disability. Other deferred benefits include primarily vacation accruals, deferred compensation, and medical benefit claims incurred-but-not-reported ("IBNR"). Additionally, the University provides various benefits to former or inactive employees after employment, but before retirement, that are recognized when they are earned.

B. Pension and Postretirement Plans

The University's employee retirement plan coverage is provided by two basic types of plans: one based on a predetermined level of funding (defined contribution), and the other based on a years-of-service calculation to determine the level of benefit to be provided (defined benefit).

The defined contribution plans for endowed colleges and exempt employees (those not subject to the overtime provisions of the Fair Labor Standards Act) at WCM are funded either by employer contributions based on a percentage of salary or by voluntary employee contributions. The contributions to the defined contribution plans are held on investment platforms with record keeping services performed by the Teachers Insurance and Annuity Association and Fidelity Investments (endowed colleges only). Total contributions of the endowed colleges and WCM plans for the fiscal years ended June 30, 2021, and 2020 amounted to \$111,587 and \$126,647, respectively.

WCM maintains the University's only defined benefit pension plan. The participants include non-exempt employees at WCM who meet the eligibility requirements for participation. The plan was frozen in 1976 for exempt employees at WCM, and the accrued benefits were merged with the active non-exempt retirement plan in 1989. In accordance with the funding requirements applicable to defined benefit plans under the Employee Retirement Income Security Act of 1974 ("ERISA"), the University must contribute to the plan's trust an actuarially determined amount that represents current year benefits plus an amount to fund any shortfall in trust assets needed to satisfy plan benefit obligations.

Additionally, the University provides health and life insurance benefits for eligible retired employees and their dependents, based on the attainment of a set of defined service and age requirements. The cost of providing these benefits is accrued during the service lives of employees.

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C. Obligations and Funded Status

The following table sets forth the defined benefit pension and postretirement plans' obligations and funded status as of June 30:

SUMMARY OF OBLIGATIONS AND FUNDED STATUS

	Pension benefits		Other postretirement	
	2021	2020	2021	2020
Change in plan assets				
Fair value of plan assets at beginning of year	\$ 141,600	\$ 133,732	\$ 315,945	\$ 302,673
Actual return on plan assets	41,291	5,378	106,186	8,272
Employer contribution	6,500	7,500	29,976	29,815
Benefits paid	(9,789)	(5,010)	(29,976)	(24,815)
Fair value of plan assets at end of year	\$ 179,602	\$ 141,600	\$ 422,131	\$ 315,945
Change in benefit obligation				
Benefit obligation at beginning of year	\$ 243,942	\$ 207,186	\$ 686,886	\$ 610,601
Service cost (benefits earned during the period)	18,117	12,325	29,975	23,961
Interest cost	8,964	8,715	22,491	23,432
Actuarial (gain)/loss	12,030	20,726	40,766	49,641
Gross benefits paid	(9,789)	(5,010)	(26,828)	(22,171)
Less: federal subsidy on benefits paid	-	-	1,074	1,422
Projected benefit obligation at end of year	\$ 273,264	\$ 243,942	\$ 754,364	\$ 686,886
Funded status	\$ (93,662)	\$ (102,342)	\$ (332,233)	\$ (370,941)
Amounts recognized in the consolidated statements of financial position				
	\$ (93,662)	\$ (102,342)	\$ (332,233)	\$ (370,941)
Amounts recorded in net assets without donor restrictions not yet amortized as components of net periodic benefit cost				
Prior service cost	\$ (49)	\$ (141)	\$ (44,502)	\$ (57,129)
Net actuarial (gain)/loss	43,261	66,310	80,643	128,909
Amount recognized as reduction in net assets without donor restrictions	\$ 43,212	\$ 66,169	\$ 36,141	\$ 71,780
Amounts recorded in non-operating pension and postretirement changes				
Change in amounts not yet amortized as components of net periodic benefit cost	\$ 22,957	\$ (22,838)	\$ 35,639	\$ (75,050)
Other components of net periodic benefit cost	(2,661)	(1,224)	7,291	10,248
Total non-operating pension and postretirement changes	\$ 20,296	\$ (24,062)	\$ 42,930	\$ (64,802)

The accumulated benefit obligation for the pension plans was \$239,433 and \$216,520 on June 30, 2021, and 2020, respectively. The accumulated benefit obligation differs from the projected benefit obligation in the table above in that it includes no assumptions about future compensation levels. It represents the actuarial present value of future payments to plan participants using current and past compensation levels. For postretirement plans other than pensions, the accumulated benefit obligation is the same as the projected benefit obligations because the liabilities are not compensation related.

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D. Net Periodic Benefit Cost

Net benefit expense related to the pension and postretirement plans for the fiscal years ended June 30 includes the following components:

NET PERIODIC BENEFIT COST

	Pension benefits		Other postretirement	
	2021	2020	2021	2020
Service cost (benefits earned during the period)	\$ 18,117	\$ 12,325	\$ 29,975	\$ 23,961
Interest cost	8,964	8,715	22,491	23,432
Expected return on plan assets	(10,307)	(9,817)	(23,065)	(21,707)
Amortization of prior service cost	(92)	(92)	(12,627)	(12,627)
Amortization of net (gain)/loss	4,096	2,418	5,910	654
Net periodic benefit cost	\$ 20,778	\$ 13,549	\$ 22,684	\$ 13,713

The amounts of prior service costs and actuarial (gains)/losses that will be amortized into net periodic benefit cost for the year ending June 30, 2022, are estimated as follows:

ESTIMATED COMPONENTS OF NET PERIODIC BENEFIT COST

	Pension benefits	Other postretirement
Prior service cost	\$ (49)	\$ (12,627)
Net actuarial (gain)/loss	1,470	1,172
Total	\$ 1,421	\$ (11,455)

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E. Actuarial Assumptions

Assumptions used in determining the pension and postretirement plans' benefit obligations and net periodic costs are as follows:

SUMMARY OF ACTUARIAL ASSUMPTIONS

	Pension benefits		Other postretirement	
	2021	2020	2021	2020
Used to calculate benefit obligations at June 30				
Discount rate	3.39%	3.49%	3.21% / 2.89%	3.24% / 2.84%
Rate of compensation increase	3.00%	0.00% - 3.00%		
Used to calculate net periodic cost at July 1				
Discount rate	3.49%	3.96%	3.24% / 2.84%	3.83% / 3.62%
Expected return on plan assets	7.30%	7.30%	7.30%	7.30%
Rate of compensation increase	0.00% - 3.00%	3.00%		
Assumed health care cost trend rates				
Health care cost trend rate assumed for next year	n/a	n/a	4.50% / 6.50%	5.00% / 6.50%
Ultimate trend rate	n/a	n/a	4.50%	4.50%
Years to reach ultimate trend rate	n/a	n/a	5	1 / 6

The health care cost trend rate assumption significantly affects the amounts reported for postretirement health care plans. Increasing the health care cost trend rate by one percent in each future year would increase the benefit obligation by \$133,930, and the annual service and interest cost by \$12,460.

Decreasing the health care cost trend rate by one percent in each future year would decrease the benefit obligation by \$106,701 and the annual service and interest cost by \$9,473.

F. Plan Assets

The University's Retirement Plan Oversight Committee ("RPOC") is chaired by the Vice President and Chief Human Resources Officer, with committee members selected from across multiple disciplines at the University. Its primary purpose is to assist the University in fulfilling its fiduciary responsibilities by providing guidance and oversight for the University's retirement plans, including oversight of the custodial bank. The RPOC, in accordance with an Investment Policy Statement and in conjunction with its outside consultant, regularly reviews the investment strategies, along with evolving institutional objectives, and will make recommendations regarding possible changes to asset allocation and investment managers accordingly.

The University's overall investment objectives for pension and postretirement healthcare plan assets are broadly defined to include an inflation-adjusted rate of return that seeks growth commensurate with a prudent level of risk. To achieve this objective, the University has established fully discretionary trusts with a custodial bank as trustee and an investment manager for WCM's defined benefit pension plan as well as the postretirement medical benefit plan for the University's endowed employees on the Ithaca campus. Under those trust agreements, the custodial bank implements investment allocations through various investment funds to carry out the investment objectives established by the RPOC.

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Risk mitigation is achieved by diversifying investments across multiple asset classes, investing in high-quality securities, and permitting flexibility in the balance of investments in the recommended asset classes. Market risk is inherent in any portfolio, but the investment policies and strategies are designed to avoid concentration of risk in any one entity, industry, country, or commodity. The funds in which the plan assets are invested are well-diversified and managed to avoid concentration of risk. The expected rate of return assumptions are based on the expertise provided by investment managers at the custodial bank. The factors impacting the expected rates of return for various asset types include assumptions about inflation, historically based real returns, anticipated value added by investment managers, and expected average asset allocations.

The fair values of the pension plan assets and postretirement medical benefit plan assets are categorized according to the fair-value hierarchy. Both the pension plan and postretirement medical benefit plans invest in funds to meet their investment objectives. The asset allocation is based on the underlying assets of the various funds. The fair-value level is based upon each fund as the unit of measure. The fair value of the plans' assets as of June 30 and the roll-forward for Level 3 assets are disclosed in the tables below.

SUMMARY OF PLAN ASSETS

	Target allocation	Pension benefits		Other postretirement	
		2021	2020	2021	2020
Percentage of plan assets					
Equity securities	39-85%	64%	66%	74%	74%
Fixed income securities	15-55%	32%	29%	26%	26%
Real estate	0-10%	4%	5%	0%	0%
Total		100%	100%	100%	100%

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PENSION PLAN ASSETS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	2021 Total
Cash and cash equivalents				
Money market	\$ 8,834	\$ -	\$ -	\$ 8,834
Equity securities				
U.S. small cap	-	8,540	-	8,540
U.S. large cap	-	48,050	-	48,050
U.S. multi cap	-	5,621	-	5,621
U.S. REITS	-	6,022	-	6,022
Emerging markets	-	10,962	-	10,962
International equity	-	36,336	-	36,336
Fixed income securities				
U.S. high yield bonds	-	7,252	-	7,252
Corporate bonds	-	36,606	-	36,606
Mortgage-backed securities	-	-	-	-
International fixed income	-	3,531	-	3,531
Other types of investments				
Real estate	-	-	7,351	7,351
Receivable for investments sold	497	-	-	497
Total assets	\$ 9,331	\$ 162,920	\$ 7,351	\$ 179,602

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PENSION PLAN ASSETS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	2020 Total
Cash and cash equivalents				
Money market	\$ 345	\$ -	\$ -	\$ 345
Equity securities				
U.S. small cap	-	4,986	-	4,986
U.S. large cap	-	25,951	-	25,951
U.S. multi cap	-	20,961	-	20,961
U.S. REITS	-	3,530	-	3,530
Emerging markets	-	10,282	-	10,282
International equity	-	28,193	-	28,193
Fixed income securities				
U.S. high yield bonds	-	9,133	-	9,133
Corporate bonds	-	25,722	-	25,722
Mortgage-backed securities	-	3,632	-	3,632
International fixed income	-	1,777	-	1,777
Other types of investments				
Real estate	-	-	7,088	7,088
Total assets	\$ 345	\$ 134,167	\$ 7,088	\$ 141,600

SUMMARY OF LEVEL 3 PENSION PLAN ACTIVITY

	Fair value, June 30, 2020	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value, June 30, 2021
Real estate	\$ 7,088	\$ -	\$ 263	\$ -	\$ -	\$ -	\$ 7,351
Total Level 3 assets	\$ 7,088	\$ -	\$ 263	\$ -	\$ -	\$ -	\$ 7,351

SUMMARY OF LEVEL 3 PENSION PLAN ACTIVITY

	Fair value, June 30, 2019	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value, June 30, 2020
Real estate	\$ 7,784	\$ 369	\$ (99)	\$ -	\$(966)	\$ -	\$ 7,088
Total Level 3 assets	\$ 7,784	\$ 369	\$ (99)	\$ -	\$(966)	\$ -	\$ 7,088

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POSTRETIREMENT PLAN ASSETS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	2021 Total
Cash and cash equivalents				
Money market	\$ 341	\$ -	\$ -	\$ 341
Equity securities				
U.S. small cap	-	26,548	-	26,548
U.S. large cap	-	131,131	-	131,131
Emerging markets	-	17,328	-	17,328
International equity	-	132,463	-	132,463
U.S. REITS	-	4,861	-	4,861
Fixed income securities				
U.S. high yield bonds	-	15,395	-	15,395
Corporate bonds	-	94,000	-	94,000
Emerging markets debt	-	-	-	-
Receivable for investments sold	3,164	-	-	3,164
Payable for investments purchased	(3,100)	-	-	(3,100)
Total assets	\$ 405	\$ 421,726	\$ -	\$ 422,131

POSTRETIREMENT PLAN ASSETS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	2020 Total
Cash and cash equivalents				
Money market	\$8,600	\$ -	\$ -	\$ 8,600
Equity securities				
U.S. small cap	-	34,383	-	34,383
U.S. large cap	-	84,031	-	84,031
Emerging markets	-	38,579	-	38,579
International equity	-	71,604	-	71,604
U.S. REITS	-	6,086	-	6,086
Fixed income securities				
U.S. high yield bonds	-	23,176	-	23,176
Corporate bonds	-	48,888	-	48,888
Emerging markets debt	-	473	-	473
Receivable for investments sold	4,305	-	-	4,305
Payable for investments purchased	(4,180)	-	-	(4,180)
Total assets	\$ 8,725	\$ 307,220	\$ -	\$ 315,945

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G. Expected Contributions and Benefit Payments

The expected annual contributions and benefit payments that reflect anticipated service are as follows:

EXPECTED CONTRIBUTIONS AND BENEFIT PAYMENTS

	Pension benefits	Other postretirement	
		Employer paid	subsidy
University contributions			
2022	\$ 6,500	\$ 23,976	n/a
Future benefit payments			
2022	7,964	25,129	1,535
2023	9,202	26,851	1,620
2024	9,526	28,662	1,710
2025	10,927	30,341	1,810
2026	11,594	32,068	1,919
2027-2031	67,815	190,213	11,475

The Medicare Prescription Drug, Improvement and Modernization Act of 2003 established a prescription drug benefit known as “Medicare Part D” that also established a federal subsidy to sponsors of retiree healthcare benefit plans. The estimated future government subsidy amounts are reflected in the table above.

H. Contract College Employees

Employees of the Contract Colleges are covered under the New York State pension plans. Contributions to the state retirement system and other fringe benefit costs are paid directly by the state. The amount of the direct payments applicable to the University as revenue and expenditures is not currently determinable and is not included in the consolidated financial statements. The University reimburses the state for fringe benefit costs on certain salaries, principally those associated with externally sponsored programs. The amounts reimbursed to the state during the fiscal years ended June 30, 2021, and 2020 were \$16,913 and \$19,203, respectively, and are included in operating expenses.

8. FUNDS HELD FOR OTHERS

The University, in limited instances, invests funds on behalf of related parties. Independent trustees are responsible for the designation of income distribution. The value of the funds included in investments in the consolidated statements of financial position was \$296,207 and \$220,127 for the fiscal years ended June 30, 2021, and 2020, respectively. The University recognizes an offsetting liability for funds held for others, with one adjustment described below.

The New York Hospital-Cornell Medical Center Fund, Inc. (“Center Fund”), which benefits WCM and the New York-Presbyterian Hospital, is the major external organization invested in the University’s long-term investment portfolio with assets of \$246,483 and \$180,905 for the fiscal years ended June 30, 2021, and 2020, respectively. WCM holds a significant beneficial interest in the assets of the Center Fund of \$162,797 and \$119,691, for the fiscal years ended

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June 30, 2021, and 2020, respectively. The liability related to New York-Presbyterian's interest is \$83,686 and \$61,214 for the fiscal years ended June 30, 2021, and 2020, respectively.

9. BONDS AND NOTES PAYABLE

A. General Information

Bonds and notes payable are reported at carrying value, which is the par amount net of unamortized issuance costs, premiums, and discounts. Bonds and notes payable as of June 30 are summarized as follows:

SUMMARY OF BONDS AND NOTES PAYABLE

	<u>2021</u>	<u>2020</u>	<u>Interest rates (%)</u>	<u>Final maturity (fiscal year)</u>
Dormitory Authority of the State of New York (DASNY)				
Revenue Bond Series				
1990B-fixed rate	\$ -	\$ 20,825	5.00	2021
2000A-variable rate/monthly	27,175	30,010	0.64 to 0.71	2029
2000B-variable rate/monthly	39,060	42,560	0.64 to 0.71	2030
2004A&B-variable rate/weekly	53,075	56,450	0.01 to 0.17	2033
2016A-fixed rate	101,800	107,105	4.00 to 5.00	2035
2019A-fixed rate	96,260	106,035	4.00 to 5.00	2029
2019B-variable rate/daily	92,210	92,210	0.01 to 0.15	2039
2019C-variable rate/monthly	79,370	79,370	0.62 to 0.69	2034
2019D-fixed rate	121,415	121,415	5.00	2036
2020A-fixed rate	233,000	233,000	4.00 to 5.00	2050
2020A2-fixed rate	77,840	77,840	5.00	2031
Tompkins County Industrial Development Agency (TCIDA)				
2002A-variable rate/monthly	24,205	26,350	0.64 to 0.71	2030
2008A-fixed rate	-	53,410	5.00	2021
Empire State Development	1,000	1,125	-	2029
2018A-fixed rate	150,000	150,000	3.85	2049
2007A Taxable commercial paper	153,890	153,890	0.12 to 0.23	-
2020B-variable rate/monthly	138,000	138,000	0.81 to 0.87	2030
2020C-variable rate/monthly	23,000	23,000	1.19 to 1.25	2026
2020D-variable rate/monthly	150,000	150,000	1.35 to 1.43	2025
2020E-fixed rate	75,000	-	2.50	2028
Hudson Cornell Residential JV LLC	97,550	97,550	1.57 to 1.69	2024
Other	7,308	7,723	2.75 to 6.63	2050
Outstanding bonds and notes payable	<u>\$ 1,741,158</u>	<u>\$ 1,767,868</u>		
Unamortized premium and issuance costs	135,572	150,614		
Total bonds and notes payable	<u>\$ 1,876,730</u>	<u>\$ 1,918,482</u>		

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Debt and related debt service for borrowings by New York State for the construction and renovation of facilities of the contract colleges are not included in the consolidated financial statements because they are not liabilities of the University.

During the fiscal year ended June 30, 2021, the University executed a \$75.0 million taxable seven-year fixed-rate note and a \$100 million five-year line of credit for general corporate purposes. Additionally, the University redeemed \$53.4 million of Tompkins County Industrial Development Agency (TCIDA) Series 2008A bonds and \$20.8 million Dormitory Authority of the State of New York (DASNY) Series 1990B bonds.

During the fiscal year ended June 30, 2020, the University issued \$121.4 million tax-exempt fixed-rate debt to finance capital projects and \$310.8 million tax-exempt fixed rate debt to affect a current refunding of DASNY Series 2008B&C and 2010A bonds. In addition, the University issued \$311 million of taxable bank loans for working capital purposes, refinancing debt and funding future capital projects.

The University maintains tax-exempt and taxable commercial paper programs. Tax-exempt commercial paper is used to finance qualified capital projects and equipment purchases. Taxable commercial paper is also used for these purposes and can also finance short-term working capital needs. During the fiscal year ended June 30, 2021, the maximum authorized amount for the taxable commercial paper program is \$300 million. The maximum authorized amount for the tax-exempt commercial paper program is \$200 million.

Scheduled principal and interest payments on bonds and notes for the next five fiscal years and thereafter are shown below:

ANNUAL DEBT SERVICE REQUIREMENTS			
Year	Principal	Interest	Total
2022	\$ 39,324	\$ 31,282	\$ 70,606
2023	40,785	34,680	75,465
2024	140,024	37,159	177,183
2025	194,235	32,616	226,851
2026	119,817	30,995	150,812
Thereafter	1,206,973	321,437	1,528,410
Total	\$ 1,741,158	\$ 488,169	\$ 2,229,327

The University estimates future interest payments on variable-rate debt based on the Securities Industry and Financial Markets Association (SIFMA) rate for tax-exempt debt and the London Interbank Offered Rates (LIBOR) rate for taxable debt.

B. Interest-Rate Swaps

The University approved the use of interest-rate swaps to mitigate interest-rate risk in the debt portfolio. Interest-rate swaps are derivative instruments; however, their use by the University is not considered hedging activity, based on definitions in generally accepted accounting principles.

Using interest-rate swap agreements, the University is exposed to the risk that counterparties will fail to meet their contractual obligations. The University limits swap exposure for each

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counterparty to mitigate counterparty risk. Master agreements with counterparties include netting arrangements that permit the University to net amounts due to the counterparty with amounts due from the counterparty. Utilizing netting arrangements reduces the maximum loss in the event of counterparty default.

The University's swap agreements contain a credit-rating-contingent feature in which the counterparties can request collateral on agreements in net liability positions. On June 30, 2021, and 2020, the University did not have collateral on deposit with any counterparty.

The University's interest-rate swaps are reported at fair value and classified as Level 2 in the fair-value hierarchy. The University's interest-rate swaps are valued as of June 30 by an independent third party that uses the mid-market levels, as of the close of business, to value each agreement. The valuations provided are derived from proprietary models based upon well-recognized financial principles and estimates about relevant future market conditions and the University's creditworthiness.

On June 30, 2021, the University had five interest-rate swap agreements to exchange variable-rate cash flows for fixed-rate cash flows without exchanging the underlying principal amount. Net payments or receipts of the swap agreements are recorded as adjustments to the swap interest and change in value of interest-rate swaps line in the consolidated statements of activities. In all agreements in effect on June 30, 2021, the counterparty pays a variable interest rate equal to a percentage of the one-month LIBOR.

The following table provides detailed information on the interest-rate swaps on June 30, 2021, and June 30, 2020.

FAIR VALUE OF INTEREST-RATE SWAPS IN STATEMENT OF FINANCIAL POSITION

Location	Notional amount	Interest rate	Termination date	Basis	2021 Level 2 fair value	2020 Level 2 fair value
Swap interest and change in value of interest-rate swaps	\$ 26,350	4.52	July 1, 2030	LIBOR	\$ (4,914)	\$ (6,486)
	79,829	3.92	July 1, 2038	LIBOR	(21,926)	(28,052)
	275,000	3.88	July 1, 2040	LIBOR	(127,120)	(158,918)
	175,115	3.48	July 1, 2041	LIBOR	(47,081)	(61,313)
	179,524	3.77	July 1, 2044	LIBOR	(60,610)	(77,121)
Total fair value					\$ (261,651)	\$ (331,890)

C. Standby Bond Purchase Agreements

The University has a standby bond purchase agreement with U.S. Bank for Series 2019B, expiring April 2024, and a standby purchase agreement with BNY Mellon for Series 2004 bonds, expiring January 2022. If the bonds cannot be remarketed, and the agreement is not otherwise renewed, the University will be required to redeem the bonds or refinance the bonds in a different interest rate mode. If the bonds cannot be remarketed, and the University did not redeem or refinance the bonds in a different interest rate mode, the University will have a current obligation to purchase the bonds tendered.

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D. Lines of Credit

The University maintains four lines of credit totaling \$300 million: \$25 million expiring January 2022, \$100 million expiring March 2022, \$75 million expiring April 2022 and \$100 million expiring July 2025. The lines are used to support University liquidity. The University records the short-term working capital lines of credit activity and outstanding balances as Deferred Revenue and Other Liabilities and the long-term line of credit activity in Bonds and Notes Payable in the consolidated statements of financial position. As of June 30, 2021, and 2020 the University had no outstanding balances.

10. LEASES

A. Nature of Leases

The University has entered into the following lease arrangements:

Finance Leases

These leases mainly consist of various equipment leases, a building lease for the Breazzano Family Center for Business Education at Ithaca, and the Tata Innovation Center at Cornell Tech. Termination of the leases generally is prohibited unless there is a violation under the lease agreement.

Operating Leases

The University has various real estate leases for office and instructional space, housing, land and storage space that expire in various years through 2069. These leases generally contain renewal options for periods ranging from two to ten years and require the University to pay all executory costs (i.e., property taxes, maintenance, and insurance). Some leases have an escalating fee schedule, which ranges up to a 5 percent increase each year. A portion of the leased space is subleased under leases expiring over the next 24 years.

Short-Term Leases

The University has certain leases for a period of 12 months or less or that contain renewals for periods of 12 months or less. The University does not include short-term leases within the consolidated statements of financial position because it has elected the practical expedient to exclude these leases from operating right-of-use asset and lease liabilities.

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B. Quantitative Disclosures

The lease cost and other required information as of June 30, are as follows:

QUANTITATIVE DISCLOSURES

	2021	2020
Lease cost		
Finance lease cost		
Amortization of right-of-use asset	\$ 2,823	\$ 6,987
Interest on lease liabilities	8,323	8,327
Operating lease cost	71,548	62,712
Short-term lease cost	721	1,050
Variable lease cost	80	277
Sublease income	(144)	(153)
Total lease cost	\$ 83,351	\$ 79,200
	2021	2020
Other information		
Cash paid for amounts included in the measurement of lease liabilities		
Operating cash flows from finance leases	\$ 8,323	\$ 8,327
Financing cash flows from finance leases	2,797	1,906
Operating cash flows from operating leases	65,039	58,899
Right-of-use assets obtained in exchange for new finance lease liabilities	3,174	4,565
Right-of-use assets obtained in exchange for new operating lease liabilities	41,092	56,106
Weighted-average remaining lease term		
Finance leases	27.7 years	28.9 years
Operating leases	14.7 years	14.8 years
Weighted-average discount rate		
Finance leases	6.8%	6.8%
Operating leases	3.4%	3.4%

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C. Future Minimum Lease Payments

Future minimum lease payments and reconciliation to the consolidated statements of financial position on June 30, 2021, are as follows:

ANNUAL MINIMUM LEASE PAYMENTS

	Finance	Operating
2022	\$ 10,354	\$ 63,154
2023	10,281	56,269
2024	10,093	50,424
2025	9,570	47,278
2026	9,006	44,631
Thereafter	265,770	320,572
Total minimum lease payments	\$ 315,074	\$ 582,328
Less: Amount representing interest	(193,125)	(123,711)
Present value of net minimum lease payments	\$ 121,949	\$ 458,617

Future minimum lease payments and reconciliation to the consolidated statements of financial position on June 30, 2020, are as follows:

ANNUAL MINIMUM LEASE PAYMENTS

	Finance	Operating
2021	\$ 9,720	\$ 60,339
2022	9,657	56,965
2023	9,696	50,857
2024	9,472	46,987
2025	9,026	43,904
Thereafter	274,620	343,492
Total minimum lease payments	\$ 322,191	\$ 602,544
Less: Amount representing interest	(200,508)	(134,573)
Present value of net minimum lease payments	\$ 121,683	\$ 467,971

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11. FUNCTIONAL EXPENSES AND STUDENT AID

Total expenses by functional categories for the fiscal years ended June 30 are as follows:

FUNCTIONAL EXPENSES							
	Instruction, student services and academic support	Research	Public service	Healthcare services	Institutional support	Enterprises and subsidiaries	2021 Total
Compensation and benefits	\$ 1,040,175	\$ 385,432	\$ 89,538	\$ 1,065,999	\$ 378,041	\$ 101,458	\$ 3,060,643
Other operating expenses	300,190	215,034	37,854	221,382	78,876	107,812	961,148
Maintenance and facilities costs	20,734	18,003	7,272	45,588	28,537	25,895	146,029
Interest expense	13,770	4,357	175	14	8,446	4,178	30,940
Depreciation expense	134,501	52,709	5,577	45,801	26,717	40,076	305,381
Total operating expenses	\$ 1,509,370	\$ 675,535	\$ 140,416	\$ 1,378,784	\$ 520,617	\$ 279,419	\$ 4,504,141
Net periodic benefit cost	(1,210)	(136)	(15)	(2,589)	(560)	(120)	(4,630)
Non-operating foundation distributions	-	-	-	-	-	22,568	22,568
Non-capitalized plant expenses	3,846	999	264	-	919	1,542	7,570
Total	\$ 1,512,006	\$ 676,398	\$ 140,665	\$ 1,376,195	\$ 520,976	\$ 303,409	\$ 4,529,649

FUNCTIONAL EXPENSES							
	Instruction, student services and academic support	Research	Public service	Healthcare services	Institutional support	Enterprises and subsidiaries	2020 Total
Compensation and benefits	\$ 1,032,182	\$ 365,449	\$ 89,461	\$ 1,021,501	\$ 368,311	\$ 118,201	\$ 2,995,105
Other operating expenses	352,081	216,939	35,574	250,482	56,633	126,229	1,037,938
Maintenance and facilities costs	15,499	14,508	7,336	38,973	31,374	25,035	132,725
Interest expense	13,046	10,974	268	24	5,948	7,749	38,009
Depreciation expense	135,364	53,194	5,627	49,939	27,732	40,924	312,780
Total operating expenses	\$ 1,548,172	\$ 661,064	\$ 138,266	\$ 1,360,919	\$ 489,998	\$ 318,138	\$ 4,516,557
Net periodic benefit cost	(2,831)	(361)	(43)	(4,345)	(1,147)	(297)	(9,024)
Non-operating foundation distributions	-	-	-	-	-	15,685	15,685
Non-capitalized plant expenses	2,651	617	196	-	480	754	4,698
Total	\$ 1,547,992	\$ 661,320	\$ 138,419	\$ 1,356,574	\$ 489,331	\$ 334,280	\$ 4,527,916

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The expenses for operations and maintenance of facilities, depreciation, and interest related to capital projects are allocated to functional categories based on square footage. The amounts allocated for operations and maintenance were approximately \$195,379 and \$161,828 for the fiscal years ended June 30, 2021, and 2020, respectively.

Student financial assistance is shown as a component of instruction expense unless the assistance is for tuition and mandatory fees. If the assistance is for tuition and mandatory fees, the amounts are recorded as scholarship allowance, which reduces tuition revenue. Total financial assistance amounts classified as instruction expense were \$51,124 and \$52,838 for the fiscal years ended June 30, 2021, and 2020, respectively.

12. NET ASSETS

A. General Information

The University's net assets as of June 30 are as follows:

SUMMARY OF NET ASSETS

	Without donor restrictions	With donor restrictions	2021 Total	Without donor restrictions	With donor restrictions	2020 Total
Endowment						
True endowment	\$ -	\$ 7,027,297	\$ 7,027,297	\$ -	\$ 5,017,077	\$ 5,017,077
Funds functioning as endowment (FFE)	1,726,967	476,052	2,203,019	1,297,912	363,538	1,661,450
Total true endowment and FFE	\$ 1,726,967	\$ 7,503,349	\$ 9,230,316	\$ 1,297,912	\$ 5,380,615	\$ 6,678,527
Funds held by others, perpetual	-	244,071	244,071	-	204,181	204,181
Total University endowment	\$ 1,726,967	\$ 7,747,420	\$ 9,474,387	\$ 1,297,912	\$ 5,584,796	\$ 6,882,708
Other net assets						
Operations	\$ 330,772	\$ 604,474	\$ 935,246	\$ 133,677	\$ 570,011	\$ 703,688
Student loans	10,253	60,191	70,444	9,747	56,158	65,905
Facilities and equipment	2,582,263	207,156	2,789,419	2,516,828	144,865	2,661,693
Annuity and other split-interest agreements	-	219,362	219,362	-	157,218	157,218
Contributions receivable, net	-	778,171	778,171	-	778,599	778,599
Long-term accruals	(817,154)	-	(817,154)	(928,979)	-	(928,979)
Total net assets	\$ 3,833,101	\$ 9,616,774	\$ 13,449,875	\$ 3,029,185	\$ 7,291,647	\$ 10,320,832

Net asset balances for operations (without donor restrictions) are affected primarily by operating activities and strategic decisions to invest expendable balances in funds functioning as endowment and capital projects. Long-term accruals represent longer-term liabilities including the unfunded amounts of pension and postretirement benefits, vacation accruals, conditional asset retirement obligations for asbestos remediation, and fair-value adjustment of interest-rate swaps.

The balance of net assets permanently restricted for the fiscal year ended June 30, 2021, is \$4,381,861 and included in with donor restrictions.

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B. Endowment

The University endowment net assets on June 30 were held in support of the following purposes:

SUMMARY OF ENDOWMENT PURPOSE

	<u>2021</u>	<u>2020</u>
Academic programs and research	\$ 2,676,723	\$ 1,901,365
Financial aid	2,536,318	1,793,548
General purpose and facilities support	1,934,418	1,438,050
Professorships	1,902,289	1,378,981
CU Foundation	180,568	166,583
Total true endowment and FFE, end of year	\$ 9,230,316	\$ 6,678,527

Of the endowment assets held at the University, 99 percent were invested in the LTIP at June 30, 2021, and 98 percent at June 30, 2020. The LTIP is a mutual-fund-like vehicle used for investing the University's true endowments, funds functioning as endowment, and other funds that are not expected to be expended for at least five years. The University employs a unit method of accounting for the LTIP. Each participating fund enters into and withdraws from the pooled investment account based on monthly unit fair values. Participation in the LTIP using unrestricted funds requires a minimum investment of one hundred thousand dollars and a commitment of at least five years.

On June 30, 2021, zero of 7,702 true endowment funds invested in the LTIP were underwater. On June 30, 2020, 1,192 of 7,495 true endowment funds invested in the LTIP had a total historic dollar value of \$686,522 and a fair value of \$654,447, resulting in these endowments being underwater by a total of \$32,075.

Changes in the endowment net assets, exclusive of funds held in trust by others, for the fiscal years ended June 30 are presented below:

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SUMMARY OF ENDOWMENT ACTIVITY

	Without donor restrictions	With donor restrictions	2021 Total	Without donor restrictions	With donor restrictions	2020 Total
True endowment and FFE, beginning of year	\$1,297,912	\$5,380,615	\$ 6,678,527	\$1,367,064	\$ 5,416,070	\$ 6,783,134
Investment return						
Net investment income	5,762	25,220	30,982	8,234	25,873	34,107
Net realized and unrealized gain/(loss)	485,797	2,188,093	2,673,890	18,650	59,161	77,811
Total investment return	\$ 491,559	\$2,213,313	\$ 2,704,872	\$ 26,884	\$ 85,034	\$ 111,918
New gifts	2,052	210,735	212,787	2,861	198,273	201,134
Amounts appropriated for expenditure/reinvestment	(62,426)	(275,956)	(338,382)	(76,183)	(237,882)	(314,065)
Other changes and reclassifications	(2,130)	(25,358)	(27,488)	(22,714)	(80,880)	(103,594)
Total true endowment and FFE, end of year	\$1,726,967	\$7,503,349	\$ 9,230,316	\$1,297,912	\$ 5,380,615	\$ 6,678,527

13. SELF-INSURANCE

The University retains self-insurance for property, general liability, student health insurance, and certain health benefits. In addition, the University has an equity interest in a multi-provider captive insurance company for medical malpractice.

A. Medical Malpractice

The University obtains medical malpractice insurance through MCIC Vermont (“MCIC”). MCIC is a reciprocal risk retention group that provides medical malpractice insurance coverage and risk management services to its subscribers.

MCIC is owned by the University, New York-Presbyterian Hospital, and four other higher education institutions and their respective teaching hospitals. All of WCM’s faculty physicians are enrolled in MCIC. The medical malpractice incurred but not reported liability is calculated annually on an actuarial basis.

WCM has recorded medical malpractice liabilities of \$164,346 and \$174,046 on June 30, 2021, and 2020, respectively, as other liabilities in the consolidated statements of financial position. In addition, WCM maintains a reinsurance program with MCIC with anticipated recoveries of \$110,185 and \$116,010, respectively, recorded as accounts receivable (Note 3A).

B. Student Health Plan

The University has established a self-funded student health plan under Section 1124 of the New York State Insurance Law (“NYSIL”). The Student Health Plan (“SHP”) provides health insurance coverage to students at the University’s Ithaca-based campuses. As of July 1, 2020 with the approval of New York State Department of Financial Services (“NYS DFS”), SHP

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coverage was expanded to include the students at Weill Cornell Medical. The table below summarizes of SHP operations occurring during the University's fiscal years ended June 30.

SUMMARY OF STUDENT HEALTH PLAN OPERATIONS

	2021			2020		
	July 1 - July 31 (prior plan year)	August 1 - June 30 (current plan year)	2021 Fiscal year total	July 1 - July 31 (prior plan year)	August 1 - June 30 (current plan year)	2020 Fiscal year total
Total premium revenue	\$ 3,900	\$ 41,416	\$ 45,316	\$ 3,297	\$ 37,870	\$ 41,167
Expenses						
Medical and prescription drug expense	3,677	31,105	34,782	3,850	24,563	28,413
Health center capitation	649	4,744	5,393	704	7,574	8,278
Administrative fees	437	3,210	3,647	336	3,663	3,999
Total expenses	\$ 4,763	\$ 39,059	\$ 43,822	\$ 4,890	\$ 35,800	\$ 40,690
Net income from health plan operations	\$ (863)	\$ 2,357	\$ 1,494	\$ (1,593)	\$ 2,070	\$ 477

The University has established reserves with the amounts necessary to satisfy obligations of the plan. Based on an analysis and recommendation of a qualified actuary, and with the approval of NYS DFS, the reserve for IBNR medical claims and claims reported-but-not-paid ("RBNP") is maintained at an amount not less than 14.5 percent of expected medical claims and 5 percent of expected pharmacy drug claims. In addition, a separate contingency reserve has been established to satisfy unexpected obligations in the event of termination of the plan. The contingency reserve is maintained at an amount not less than 5 percent of the total current plan year premiums and is invested in the University's endowment. NYS requires that the assets of the contingency reserve consist of certain investments of the types specified in Section 1404 of NYSIL. The specified types of investments include U.S. government securities categorized in fair-value hierarchy Level 1, of which the University holds \$643,913 and \$461,471 in its investment portfolio as of June 30, 2021, and 2020, respectively (Note 4B). Premium revenue is billed in advance of the plan year (unearned) and recognized as revenue monthly as coverage is provided. For the fiscal year 2021, SHP changed from annual premium billing to semester billing. With semester billing, only six months' premium was billed in advance rather than the full annual premium. The changes in the unearned premiums and SHP reserves during the fiscal years ended June 30 are presented below.

SUMMARY OF STUDENT HEALTH PLAN UNEARNED PREMIUMS

	2021		2020	
	Unearned premiums 2019-2020 plan year	Unearned premiums 2020-2021 plan year	Unearned premiums 2018-2019 plan year	Unearned premiums 2019-2020 plan year
Balance as of July 1	\$ 3,299	\$ -	\$ 2,837	\$ -
Balance as of June 30	-	2,458	-	3,299
Net change	\$ (3,299)	\$ 2,458	\$ (2,837)	\$ 3,299

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SUMMARY OF STUDENT HEALTH PLAN RESERVES

	IBNR/RBNP reserve		Contingency reserve	
	2021	2020	2021	2020
Balance as of July 1	\$ 3,268	\$ 3,394	\$ 2,183	\$ 2,104
Balance as of June 30	3,531	3,268	3,214	2,183
Net change	\$ 263	\$ (126)	\$ 1,031	\$ 79

14. CONTINGENT LIABILITIES

The University is a defendant in various legal actions, some for substantial monetary amounts that arise out of the normal course of its operations. Although the final outcome of the actions cannot be foreseen, the University's administration is of the opinion that eventual liability, if any, will not have a material effect on the University's financial position.

15. SUBSEQUENT EVENTS

Based on the University's evaluation of subsequent events through October 22, 2021, the date on which the consolidated financial statements were issued, there were no other events with material impact on the University's consolidated financial statements.

16. RELATED PARTIES

Transactions between the University and any of its trustees, officers or employees are subject to the University's conflict of interest policies, which require disclosure of conflicting interests and abstention by the conflicted persons from University decision making. The University assesses related party transactions, including those with external organizations; see note 8 to the consolidated financial statements.

17. DEPARTMENT OF EDUCATION FISCAL RESPONSIBILITY STANDARDS

As disclosed in the accompanying schedule, the Department of Education finalized new borrower defense rules that require the inclusion of a supplemental schedule to the audited financial statements that contains all financial elements needed to calculate the composite score ratios with a cross-reference to the financial statement line, or notes disclosure, that contains the element. The required financial elements as of June 30, 2021 not already included in a previous footnote are outlined in the table below.

FINANCIAL ELEMENT	2021
Unsecured related party receivable	\$ 82,976
Land, buildings and equipment pre-implementation, including finance leases	3,440,487
Land, buildings and equipment post-implementation with outstanding debt for original purchase	3,712
Land, buildings and equipment post-implementation without outstanding debt for original purchase	684,385
Construction in progress	297,367
Long-term debt for long term purposes	1,229,169
Long-term debt for long term purposes pre-implementation	1,067,144
Long-term debt for long term purposes post-implementation	3,712
Line of credit for construction in progress	158,313

Financial Responsibility Supplemental Schedule
June 30, 2021

Cornell University

Financial Responsibility Supplemental Schedule

June 30, 2021

(in thousands of dollars)

Cornell University			
Financial Responsibility Supplemental Schedule			
June 30, 2021			
<i>(in thousands of dollars)</i>			
Reference	Primary Reserve Ratio:	Financial Element	Amount
		Components	Totals
Expendable Net Assets:			
Consolidated Statement of Financial Position - Net assets without donor restrictions	Net assets without donor restrictions		\$ 3,833,101
Consolidated Statement of Financial Position - Net assets with donor restrictions	Net assets with donor restrictions		9,616,774
Footnote 17 - Department of Education Fiscal Responsibility Standards	Unsecured related party receivable		82,976
Consolidated Statement of Financial Position - Land, Buildings, and Equipment, net, Right-of-Use Assets, Finance Leases, net	Property, plant and equipment, net (includes construction in progress and finance leases)		4,425,951
Footnote 17 - Department of Education Fiscal Responsibility Standards	Property, plant and equipment pre-implementation, including finance leases	3,440,487	
Footnote 17 - Department of Education Fiscal Responsibility Standards	Property, plant and equipment post-implementation with outstanding debt for original purchase	3,712	
Footnote 17 - Department of Education Fiscal Responsibility Standards	Property, plant and equipment post-implementation without outstanding debt for original purchase	684,385	
Footnote 17 - Department of Education Fiscal Responsibility Standards	Construction in progress	297,367	
Consolidated Statement of Financial Position	Right-of-use assets, operating leases, net post-implementation		448,191
Footnote 7 - Post-Employment Benefits, Pension and Other Post-Retirement Benefits	Postemployment benefits, and Pension and other postretirement benefits		462,183
Footnote 17 - Department of Education Fiscal Responsibility Standards	Long-term debt - for long term purposes		1,229,169
Footnote 17 - Department of Education Fiscal Responsibility Standards	Long-term debt - for long term purposes pre-implementation	1,067,144	
Footnote 17 - Department of Education Fiscal Responsibility Standards	Long-term debt - for long term purposes post-implementation	3,712	
Footnote 17 - Department of Education Fiscal Responsibility Standards	Line of Credit for Construction in progress	158,313	
Consolidated Statement of Financial Position	Operating lease liability post-implementation		458,617
Footnote 12 - Annuity and Other Split-Interest Agreements	Annuities with donor restrictions		219,362
Footnote 12 - Net Assets Permanently Restricted	Net assets with donor restrictions: restricted in perpetuity		4,381,861
	Total Expendable Net Assets:		\$ 6,031,077
Total Expenses and Losses:			
Statement of Activities - Total Operating Expenses Without Donor Restrictions	Total expenses without donor restrictions		4,504,141
Statement of Activities Non-Operating (Other)	Non-Operating and Net Investment (loss)		20,609
	Total Expenses and Losses:		\$ 4,524,750
Modified Net Assets:			
Consolidated Statement of Financial Position - Net Assets without Donor Restrictions	Net assets without donor restrictions		3,833,101
Consolidated Statement of Financial Position - Net Assets with Donor Restriction	Net assets with donor restrictions		9,616,774
N/A	Intangible assets		-
Footnote 17 - Department of Education Fiscal Responsibility Standards	Less: Unsecured related party receivables		82,976
	Total Modified Net Assets:		\$ 13,366,899
Modified Assets:			
Consolidated Statement of Financial Position - Total assets	Total assets		17,907,729
N/A	Intangible assets		-
Footnote 17 - Department of Education Fiscal Responsibility Standards	Less: Unsecured related party receivables		82,976
	Total Net Assets:		\$ 17,824,753
Net Income Ratio:			
Change in Net Assets Without Donor Restrictions:			
Consolidated Statement of Activities - Change in Net Assets Without Donor Restrictions	Change in Net Assets Without Donor Restrictions		803,916
	Total Change in Net Assets Without Donor Restrictions:		\$ 803,916
Total Revenues and Gains Without Donor Restrictions:			
Consolidated Statement of Activities - Total Operating Revenue and Other Support Without Donor Restrictions, State Appropriations for Capital Acquisitions, Investment Return, Net of Amount Distributed, Gain in Value of Split Interest Agreements, Net Assets Released for Capital Acquisitions and Reclassifications	Total operating revenue and other gains without donor restrictions		5,328,666
	Total Revenues and Gains Without Donor Restrictions:		\$ 5,328,666

The accompanying notes are an integral part of the Financial Responsibility Supplemental Schedule.

Cornell University

Note to Financial Responsibility Supplemental Schedule

June 30, 2021

1. Basis of Presentation

The financial responsibility supplemental schedule (the “Schedule”) of Cornell University (the “University”) provides financial information required by the Department of Education to calculate the primary reserve ratio, equity ratio, net income ratio and the composite score as defined in Subpart L of 34 CFR 668 for the fiscal year-ended June 30, 2021. The financial information in the Schedule has been prepared in accordance with accounting principles generally accepted in the United States of America consistent with the consolidated financial statements. The Schedule is presented for purposes of additional analysis as required by the Department of Education and is not a required part of the basic financial statements.

**Schedule of Expenditures of Federal Awards
Year Ended June 30, 2021**

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Student Financial Assistance Cluster									
Department of Education									
<i>Office Of Federal Student Aid</i>									
Federal Supplemental Educational Opportunity Grants	84.007		3,894,342	-			-	3,894,342	-
Federal Work-Study Program	84.033		2,137,205	-			-	2,137,205	-
Federal Perkins Loan Program-Outstanding Loans as of July 1, 2020	84.038		20,385,608	-			-	20,385,608	-
Federal Pell Grant Program	84.063		12,925,060	-			-	12,925,060	-
Federal Pell Grant Program-Administrative Allowance	84.063		12,690	-			-	12,690	-
Federal Direct Student Loans-PLUS	84.268		56,554,174	-			-	56,554,174	-
Federal Direct Student Loans-Subsidized	84.268		10,601,286	-			-	10,601,286	-
Federal Direct Student Loans-Unsubsidized	84.268		46,346,878	-			-	46,346,878	-
<i>Office Of Federal Student Aid Subtotal</i>			<u>152,857,243</u>	<u>-</u>				<u>152,857,243</u>	<u>-</u>
Department of Education Total			<u>152,857,243</u>	<u>-</u>				<u>152,857,243</u>	<u>-</u>
Department of Health and Human Services									
<i>Health Resources And Services Administration</i>									
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students	93.342		531,150	-			-	531,150	-
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students-Outstanding Loans as of July 1, 2020	93.342		3,813,065	-			-	3,813,065	-
<i>Health Resources And Services Administration Subtotal</i>			<u>4,344,215</u>	<u>-</u>				<u>4,344,215</u>	<u>-</u>
Department of Health and Human Services Total			<u>4,344,215</u>	<u>-</u>				<u>4,344,215</u>	<u>-</u>
Student Financial Assistance Cluster Total			<u>157,201,458</u>	<u>-</u>				<u>157,201,458</u>	<u>-</u>
Research and Development Cluster									
Department of Agriculture									
Department of Agriculture, Other	10.RD	137172	-	33,566	New York State Department of Agriculture and Markets	137172	-	33,566	-
Department of Agriculture, Other	10.RD	CM04068AJ	-	31,860	New York State Department of Agriculture and Markets	CM04068AJ	-	31,860	-
<i>Agricultural Marketing Service</i>									
Federal-State Marketing Improvement Program	10.156		-	52,749	New York State Department of Agriculture and Markets	AM180100XXXXG147	-	52,749	-
Inspection Grading and Standardization	10.162		287,222	-			-	287,222	-
Transportation Services	10.167		-	22,349	New York Farm Viability Institute Inc	15SCBGPNY0023	-	22,349	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	24,281	California State University, Fresno	AM190100XXXXG008	-	24,281	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	(193)	Center For Produce Safety	USDA-AMS-TM-SCBGP-G-17-003	-	(193)	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	131,564	Center For Produce Safety	USDA-AMS-TM-SCBGP-G-19-0003	-	131,564	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	114,891	Center For Produce Safety	USDA-AMSTMSCBGP-G190003	-	114,891	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	3,629	Colorado State University	20-SCMOA-KY-0001 / 32000...	-	3,629	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	14,753	New York Farm Viability Institute Inc	AM170100XXXXG006	-	14,753	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	179,767	New York Farm Viability Institute Inc	AM180100XXXXG036	-	179,767	1,696
Specialty Crop Block Grant Program - Farm Bill	10.170		-	232,762	New York Farm Viability Institute Inc	AM190100XXXXG043	-	232,762	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	70,063	New York Farm Viability Institute Inc	15SCBGPNY0023	-	70,063	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	(4,434)	New York State Department of Agriculture and Markets	16-SCCM-NY-0002	-	(4,434)	5,469
Specialty Crop Block Grant Program - Farm Bill	10.170		-	17,089	New York State Department of Agriculture and Markets	AM180100XXXXG036	-	17,089	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	40,112	New York State Department of Agriculture and Markets	16-SCBGP-NY-0030	-	40,112	4,039
Specialty Crop Block Grant Program - Farm Bill	10.170		-	15,556	Pennsylvania State University	44187029	-	15,556	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	52,907	University of Illinois at Urbana-Champaign	USDA-AMS-TM-SCBGP-G-18-003	-	52,907	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	5,446	University of Rhode Island	AM190200XXXXG001	-	5,446	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	6,619	Washington State University	K2863	-	6,619	-
Acer Access Development Program	10.174		83,503	-			-	83,503	-
Farmers Market and Local Food Promotion Program	10.175		121,244	-			-	121,244	-
Farmers Market and Local Food Promotion Program	10.175		-	16,810	Practical Farmers of Iowa	AM200100XXXXG188	-	16,810	-
<i>Agricultural Marketing Service Subtotal</i>			<u>491,969</u>	<u>996,720</u>				<u>1,488,689</u>	<u>11,204</u>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Agricultural Research Service</i>									
Agricultural Research Basic and Applied Research	10.001		5,842,322	-			-	5,842,322	-
Agricultural Research Basic and Applied Research	10.001		-	22,084	Arkansas Children's Research Institute	58-6026-7-001	-	22,084	-
Agricultural Research Basic and Applied Research	10.001		-	9,304	CRDF Global	DAA9-19-65345-1	-	9,304	-
<i>Agricultural Research Service Subtotal</i>			<u>5,842,322</u>	<u>31,388</u>				<u>5,873,710</u>	<u>-</u>
<i>Animal And Plant Health Inspection Service</i>									
Plant and Animal Disease, Pest Control, and Animal Care	10.025		971,068	-			-	971,068	24,353
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	3,999	American Public Gardens Association	AP19PPQF0000C370	-	3,999	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	17,786	American Public Gardens Association	AP19PPQH0000C011	-	17,786	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	34,893	Boyce Thompson Institute for Plant Research Inc	AP19PPQS-T00C079	-	34,893	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	414,404	New York State Department of Agriculture and Markets	16-8236-0245-CA	-	414,404	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	34,897	New York State Department of Agriculture and Markets	G000010173	-	34,897	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	6,000	New York State Department of Agriculture and Markets	AP20PPQF0000C267	-	6,000	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	4,110	New York State Department of Agriculture and Markets	AP20PPQF0000C289	-	4,110	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	13,500	New York State Department of Agriculture and Markets	AP20PPQF0000C266	-	13,500	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	28,260	New York State Department of Agriculture and Markets	AP20PPQF0000C480	-	28,260	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	112,896	New York State Department of Agriculture and Markets	CM04068A1	-	112,896	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	32,086	New York State Department of Environmental Conservation	OSP136891	-	32,086	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	69,268	University of Georgia	AP20VSD&B00c018	-	69,268	-
<i>Animal And Plant Health Inspection Service Subtotal</i>			<u>971,068</u>	<u>772,099</u>				<u>1,743,167</u>	<u>24,353</u>
<i>Economic Research Service</i>									
Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations	10.250		13,565	-			-	13,565	-
Consumer Data and Nutrition Research	10.253		240,425	-			-	240,425	53,720
Consumer Data and Nutrition Research	10.253		-	42,192	University of Kentucky	58-4000-6-0059	-	42,192	-
<i>Economic Research Service Subtotal</i>			<u>253,990</u>	<u>42,192</u>				<u>296,182</u>	<u>53,720</u>
<i>Foreign Agricultural Service</i>									
Norman E. Borlaug International Agricultural Science and Technology Fellowship	10.777		1,040	-			-	1,040	-
<i>Forest Service</i>									
Cooperative Forestry Assistance	10.664		54,495	-			-	54,495	-
Forest Health Protection	10.680		147,142	-			-	147,142	-
Partnership Agreements	10.699		19,968	-			-	19,968	-
<i>Forest Service Subtotal</i>			<u>221,605</u>	<u>-</u>				<u>221,605</u>	<u>-</u>
<i>National Institute Of Food And Agriculture</i>									
Grants for Agricultural Research, Special Research Grants	10.200		-	149,754	University of Maine	2019-34141-30285	-	149,754	-
Grants for Agricultural Research, Special Research Grants	10.200		-	458	University of Maryland College Park	2018-38500-28885	-	458	-
Grants for Agricultural Research, Special Research Grants	10.200		-	7,801	University of Maryland Eastern Shore	2020-34383-32456	-	7,801	-
Cooperative Forestry Research	10.202		136,167	-			-	136,167	-
Payments to Agricultural Experiment Stations Under the Hatch Act	10.203		6,456,870	-			-	6,456,870	-
Animal Health and Disease Research	10.207		55,466	-			-	55,466	-
Higher Education – Graduate Fellowships Grant Program	10.210		67,250	-			-	67,250	-
Small Business Innovation Research	10.212		-	13,978	FloraPulse Company	2018-33610-28825	-	13,978	-
Sustainable Agriculture Research and Education	10.215		-	22,510	Clemson University	SUB00002042/2018-38640-28417	-	22,510	-
Sustainable Agriculture Research and Education	10.215		-	8,855	Community Involved in Sustaining Agriculture	2019-38640-29877	-	8,855	-
Sustainable Agriculture Research and Education	10.215		-	1,030	Pennsylvania State University	2019-38640-29877	-	1,030	-
Sustainable Agriculture Research and Education	10.215		-	3,415	University of New Hampshire	2019-38640-29877	-	3,415	-
Sustainable Agriculture Research and Education	10.215		-	6,804	University of Vermont	2016-38640-25380	-	6,804	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Sustainable Agriculture Research and Education	10.215		-	17,974	University of Vermont	2017-38640-26915	-	17,974	-
Sustainable Agriculture Research and Education	10.215		-	245,582	University of Vermont	2018-38640-28415	-	245,582	52,714
Sustainable Agriculture Research and Education	10.215		-	44,660	University of Vermont	2019-38640-29877	-	44,660	-
1890 Institution Capacity Building Grants	10.216		-	3,991	Cornell Cooperative Extension Cortland County	2018-38640-28415	-	3,991	-
Higher Education - Institution Challenge Grants Program	10.217		11,211	-			-	11,211	-
Biotechnology Risk Assessment Research	10.219		130,553	-			-	130,553	-
Integrated Programs	10.303		380,216	-			-	380,216	41,017
Integrated Programs	10.303		-	29,424	West Virginia University Research Corporation	2018-51106-28777	-	29,424	-
Homeland Security Agricultural	10.304		193,491	-			-	193,491	148,414
Homeland Security Agricultural	10.304		-	135,067	Michigan State University	2016-37620-25765	-	135,067	-
Organic Agriculture Research and Extension Initiative	10.307		1,275,414	-			-	1,275,414	442,934
Organic Agriculture Research and Extension Initiative	10.307		-	105,364	Iowa State University of Science and Technology	2019-51300-30248	-	105,364	-
Organic Agriculture Research and Extension Initiative	10.307		-	6,404	Oregon State University	2017-51300-26809	-	6,404	-
Organic Agriculture Research and Extension Initiative	10.307		-	67,002	Oregon State University	2018-51300-28430	-	67,002	-
Organic Agriculture Research and Extension Initiative	10.307		-	80,833	Oregon State University	2020-51300-32179	-	80,833	-
Organic Agriculture Research and Extension Initiative	10.307		-	16,660	The Ohio State University	2019-51300-30255	-	16,660	-
Organic Agriculture Research and Extension Initiative	10.307		-	32,572	The Organic Center	20165130025724	-	32,572	-
Specialty Crop Research Initiative	10.309		4,429,135	-	Board of Regents of the University of Wisconsin System on Behalf of the		-	4,429,135	1,382,133
Specialty Crop Research Initiative	10.309		-	17,969	University of Wisconsin-Madison	2019-51181-30021	-	17,969	-
Specialty Crop Research Initiative	10.309		-	22,538	Michigan State University	2015-51181-24285	-	22,538	-
Specialty Crop Research Initiative	10.309		-	41,088	Michigan State University	2020-51181-32139	-	41,088	-
Specialty Crop Research Initiative	10.309		-	48,795	Michigan State University	2020-51181-32158	-	48,795	-
Specialty Crop Research Initiative	10.309		-	38,748	North Carolina State University	2015-51181-24252	-	38,748	-
Specialty Crop Research Initiative	10.309		-	221,940	North Carolina State University	2016-51181-25409	-	221,940	-
Specialty Crop Research Initiative	10.309		-	259,515	Pennsylvania State University	2019-51181-30014	-	259,515	14,639
Specialty Crop Research Initiative	10.309		-	1,491	Pennsylvania State University	2019-51181-30019	-	1,491	-
Specialty Crop Research Initiative	10.309		-	29,210	Rutgers The State University of New Jersey	2018-51181-28383	-	29,210	-
Specialty Crop Research Initiative	10.309		-	162,642	The Regents of the University of California on behalf of its Riverside Campus	2017-70016-26053	-	162,642	-
Specialty Crop Research Initiative	10.309		-	(1)	University of Florida	2015-51181-24312	-	(1)	-
Specialty Crop Research Initiative	10.309		-	243,077	University of Georgia	2018-51181-28365	-	243,077	-
Specialty Crop Research Initiative	10.309		-	44,118	University of Georgia	2020-51181-32062	-	44,118	-
Specialty Crop Research Initiative	10.309		-	92,593	University of Georgia	2020-51181-32140	-	92,593	-
Specialty Crop Research Initiative	10.309		-	14,658	University of Idaho	2020-51181-32136	-	14,658	-
Specialty Crop Research Initiative	10.309		-	29,197	Virginia Polytechnic Institute and State University	2020-51181-32135	-	29,197	-
Specialty Crop Research Initiative	10.309		-	89,997	Washington State University	2018-51181-28435	-	89,997	-
Specialty Crop Research Initiative	10.309		-	69,688	Washington State University	2019-51181-30013	-	69,688	-
Specialty Crop Research Initiative	10.309		-	44,741	Washington State University	2020-51181-32159	-	44,741	-
Agriculture and Food Research Initiative (AFRI)	10.310		9,038,411	-			-	9,038,411	862,419
Agriculture and Food Research Initiative (AFRI)	10.310		-	47,187	Michigan State University	2016-68004-24931	-	47,187	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	86,298	North Carolina State University	2019-68012-29818	-	86,298	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	93,772	North Carolina State University	2019-68008-29898	-	93,772	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	18,997	Pennsylvania State University	2017-67013-26258	-	18,997	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	25,440	Pennsylvania State University	2018-67023-27646	-	25,440	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	53,620	Pennsylvania State University	2019-67009-29006	-	53,620	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	6,036	Pennsylvania State University	2019-67019-29461	-	6,036	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	3,900	Pennsylvania State University	2019-67017-29591	-	3,900	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	22,566	Regents of the University of Minnesota	2018-67015-28298	-	22,566	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	70,327	Texas A&M University	2016-68003-24607	-	70,327	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	748	Texas A&M University	2018-67013-28513	-	748	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Agriculture and Food Research Initiative (AFRI)	10.310		-	130,009	The Regents of the University of California on behalf of its Davis Campus	2017-67007-25939	-	130,009	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	69,092	The Regents of the University of California on behalf of its Davis Campus	2020-67021-32855	-	69,092	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	17,756	The Regents of the University of California on behalf of its Davis Campus	2019-67015-32114	-	17,756	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	45,700	The Research Foundation for the State University of New York Buffalo	2016-68003-24601	-	45,700	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	780,954	University of Arkansas	2019-67021-29945	-	780,954	28,717
Agriculture and Food Research Initiative (AFRI)	10.310		-	12,894	University of Delaware	2018-67019-27796	-	12,894	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	9,745	University of Florida	2019-67015-29836	-	9,745	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	10,960	University of Maine	2020-68008-31462	-	10,960	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	17,192	University of Maryland College Park	2018-67032-27697	-	17,192	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	12,193	University of Maryland College Park	2018-68003-27467	-	12,193	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	27,151	University of Maryland College Park	2020-68006-31182	-	27,151	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	205,167	Virginia Polytechnic Institute and State University	2015-67003-23485	-	205,167	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	1,389	Virginia Polytechnic Institute and State University	2018-67013-28063	-	1,389	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	11,791	Virginia Polytechnic Institute and State University	2020-68006-31682	-	11,791	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	34,565	Washington State University	2017-67013-26537	-	34,565	-
Farm Business Management and Benchmarking Competitive Grants Program	10.319		-	21,937	The Ohio State University	20173850427123	-	21,937	-
Capacity Building for Non-Land Grant Colleges of Agriculture (NLGCA)	10.326		-	26,026	Tennessee Technological University	2018-70001-27839	-	26,026	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		192,983	-			-	192,983	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		-	7,891	The Ohio State University	2018-70020-28852	-	7,891	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		-	27,303	University of Vermont	2018-70020-28878	-	27,303	-
Crop Protection and Pest Management Competitive Grants Program	10.329		872,473	-			-	872,473	134,493
Crop Protection and Pest Management Competitive Grants Program	10.329		-	30,540	Pennsylvania State University	2018-70006-28920	-	30,540	-
Crop Protection and Pest Management Competitive Grants Program	10.329		-	49,568	Rensselaer Polytechnic Institute	2018-70006-28891	-	49,568	-
Crop Protection and Pest Management Competitive Grants Program	10.329		-	1,086	University of Vermont	2016-70006-25830	-	1,086	-
Alfalfa and Forage Research Program	10.330		-	(290)	The Regents of the University of California on behalf of its Davis Campus	2017-70005-27117	-	(290)	-
Alfalfa and Forage Research Program	10.330		-	56,078	The Regents of the University of California on behalf of its Davis Campus	2019-70005-30361	-	56,078	-
Cooperative Extension Service	10.500		227,129	-			-	227,129	-
Cooperative Extension Service	10.500		-	17,315	University of Delaware	2018-70027-28588	-	17,315	-
<i>National Institute Of Food And Agriculture Subtotal</i>			<u>23,466,769</u>	<u>4,525,045</u>				<u>27,991,814</u>	<u>3,107,480</u>
<i>Natural Resources Conservation Service</i>									
Environmental Quality Incentives Program	10.912		306,503	-			-	306,503	23,557
<i>Office Of Chief Economist</i>									
Agricultural Market and Economic Research	10.290		31,053	-			-	31,053	-
Department of Agriculture Total			<u>31,586,319</u>	<u>6,432,870</u>				<u>38,019,189</u>	<u>3,220,314</u>
Department of Commerce									
Department of Commerce, Other	11.RD	1333LB18C0000003	9,824	-			-	9,824	-
<i>National Institute Of Standards And Technology</i>									
Measurement and Engineering Research and Standards	11.609		20,057	-			-	20,057	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>National Oceanic And Atmospheric Administration</i>									
Sea Grant Support	11.417		18,932	-			-	18,932	-
Sea Grant Support	11.417		-	5,284	North Carolina State University	NA180AR4170069	-	5,284	-
Sea Grant Support	11.417		-	8,546	Regents of the University of Minnesota	NA190AR4170388	-	8,546	-
Sea Grant Support	11.417		-	84,507	State University of New York Stony Brook	NA180AR4170096	-	84,507	3,395
Sea Grant Support	11.417		-	9,490	The Research Foundation for the State University of New York Stony Brook	NA180AR4170096	-	9,490	-
Sea Grant Support	11.417		-	32,409	The Research Foundation for the State University of New York Stony Brook	NA180AR4170096	-	32,409	-
Sea Grant Support	11.417		-	33,989	The Research Foundation for the State University of New York Stony Brook	NA180AR417096	-	33,989	15,651
Climate and Atmospheric Research	11.431		26,605	-			-	26,605	-
Climate and Atmospheric Research	11.431		-	83,983	Rand Corporation	NA160AR4310179	-	83,983	-
Climate and Atmospheric Research	11.431		-	23,946	Syracuse University	NA190AR4310313	-	23,946	-
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		-	66,436	Rutgers The State University of New Jersey	19-0802	-	66,436	-
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		-	45,378	University of Miami	NA200AR4320472	-	45,378	-
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		-	20,556	University of Michigan	NA170AR4320152	-	20,556	-
Regional Fishery Management Councils	11.441		-	59,062	Mid-Atlantic Fisheries Devlpmt	NA15NMF4410006	-	59,062	-
			<u>45,537</u>	<u>473,586</u>				<u>519,123</u>	<u>19,046</u>
<i>National Oceanic And Atmospheric Administration Subtotal</i>								<u>549,004</u>	<u>19,046</u>
Department of Commerce Total									
Department Of Defense									
Department of Defense, Other	12.RD	W912HQ19C0064	258,655	-			-	258,655	13,650
Department of Defense, Other	12.RD	W81XWH-17-D-0009	(26,629)	-			-	(26,629)	-
Department of Defense, Other	12.RD	W912HQ20P0026	16,305	-			-	16,305	-
Department of Defense, Other	12.RD	W912HQ18C0052	201,293	-			-	201,293	34,120
Department of Defense, Other	12.RD	FA8650-20-C-1957	273,280	-			-	273,280	-
Department of Defense, Other	12.RD	D16PC00003	-	(35)	Baylor College of Medicine	D16PC00003	-	(35)	-
Department of Defense, Other	12.RD	FA8702-15-D-0001	-	154,511	Lincoln Laboratory	FA8702-15-D-0001	-	154,511	-
Department of Defense, Other	12.RD	HR0011-18-C0049	-	36,553	The Johns Hopkins University Applied Physics Laboratory LLC	HR0011-18-C0049	-	36,553	-
Department of Defense, Other	12.RD	N6833518C0217	-	(30,727)	Weidinger Technology Ventures Llc	N6833518C0217	-	(30,727)	-
Department of Defense, Other	12.RD	2018-681	-	51,084	Renerva LLC	2018-681	-	51,084	-
Department of Defense, Other	12.RD	HR0011-17-C-0047	-	3,932	Princeton University	HR0011-17-C-0047	-	3,932	-
Department of Defense, Other	12.RD	H98230-18-D-006	-	104,766	International Computer Science Institute	H98230-18-D-006	-	104,766	-
Department of Defense, Other	12.RD	89332	-	28,773	Xallent LLC	89332	-	28,773	-
Department of Defense, Other	12.RD	2019-19-020700007	-	86,011	International Business Machines Corporation	2019-19-020700007	-	86,011	-
Department of Defense, Other	12.RD	HR001120C0107	-	713,849	The Board of Trustees of the Leland Stanford Junior University	HR001120C0107	-	713,849	-
Department of Defense, Other	12.RD	HR0011-19-C-0073	-	178,469	Galois Inc	HR0011-19-C-0073	-	178,469	-
Department of Defense, Other	12.RD	N3943021C2204	-	442,490	Applied Ocean Sciences LLC	N3943021C2204	-	442,490	-
Department of Defense, Other	12.RD	FA8650-19-F-5405	-	50,334	UES Inc	FA8650-19-F-5405	-	50,334	-
Department of Defense, Other	12.RD	W912HQ20C0028	-	38,750	Colorado School Of Mines	W912HQ20C0028	-	38,750	-
Department of Defense, Other	12.RD	W911NF1030001	-	52,275	Semi	W911NF1030001	-	52,275	-
Department of Defense, Other	12.RD	FA8075-18-D-0002	-	87,504	Alion Science And Technology	FA8075-18-D-0002	-	87,504	-
Department of Defense, Other	12.RD	2021-20111000006	-	48,447	Accenture Global	2021-20111000006	-	48,447	-
<i>Defense Advanced Research Projects Agency</i>									
Research and Technology Development	12.910		1,473,707	-			-	1,473,707	-
Research and Technology Development	12.910		-	325,288	Boyce Thompson Institute for Plant Research Inc	HR0011-17-2-0053	-	325,288	-
Research and Technology Development	12.910		-	48,910	Cateni Inc	FA864921P0072	-	48,910	-
Research and Technology Development	12.910		-	209,528	Georgia Tech Research Corporation	D19AC00009	-	209,528	-
Research and Technology Development	12.910		-	164,719	Icahn School of Medicine at Mount Sinai	ISMMS 203492-01	-	164,719	-
Research and Technology Development	12.910		-	73,002	L3Harris Technologies Inc	PO 4500253233	-	73,002	-
Research and Technology Development	12.910		-	65,769	Montana State University	D18AC00031	-	65,769	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Research and Technology Development	12.910		-	178,163	Princeton University	FA8650-18-2-7852	-	178,163	-
Research and Technology Development	12.910		-	198,783	Purdue University	D18AC00024	-	198,783	-
Research and Technology Development	12.910		-	54,673	Raytheon BBN Technologies	4202400596	-	54,673	-
Research and Technology Development	12.910		-	330,693	SRI International	FA8750-19-C-0079	-	330,693	-
Research and Technology Development	12.910		-	152,829	SRI International	HR00110C0086	-	152,829	-
Research and Technology Development	12.910		-	192,362	The Johns Hopkins University Applied Physics Laboratory LLC	HR001118C0146	-	192,362	-
Research and Technology Development	12.910		-	125,168	The Regents of the University of California on behalf of its Los Angeles Campus	HR00112090027	-	125,168	-
Research and Technology Development	12.910		-	201,593	The Trustees of Columbia University in the City of New York	HR0011-19-2-0014	-	201,593	-
Research and Technology Development	12.910		-	4,437	University of Chicago	HR0011-18-2-0024	-	4,437	-
Research and Technology Development	12.910		-	651,853	University of Washington	FA8650-18-2-7863	-	651,853	-
<i>Defense Advanced Research Projects Agency Subtotal</i>			<u>1,473,707</u>	<u>2,977,770</u>				<u>4,451,477</u>	-
<i>Defense Threat Reduction Agency</i>									
Scientific Research - Combating Weapons of Mass Destruction	12.351		492,275	-			-	492,275	106,607
Scientific Research - Combating Weapons of Mass Destruction	12.351		-	298,573	Northwestern University	HDTRA1-15-1-0052	-	298,573	-
<i>Defense Threat Reduction Agency Subtotal</i>			<u>492,275</u>	<u>298,573</u>				<u>790,848</u>	<u>106,607</u>
<i>Department Of The Air Force</i>									
Air Force Defense Research Sciences Program	12.800		13,138,658	-			-	13,138,658	2,358,407
Air Force Defense Research Sciences Program	12.800		-	206,760	California Institute of Technology	FA9550-18-1-0095	-	206,760	-
Air Force Defense Research Sciences Program	12.800		-	100,388	Emory University	FA9550-18-1-0420	-	100,388	-
Air Force Defense Research Sciences Program	12.800		-	210,198	Florida International University	FA9550-19-1-0290	-	210,198	-
Air Force Defense Research Sciences Program	12.800		-	121,633	Lehigh University	FA9550-19-1-0419	-	121,633	-
Air Force Defense Research Sciences Program	12.800		-	14,800	Massachusetts Institute of Technology	FA9550-15-1-0038	-	14,800	-
Air Force Defense Research Sciences Program	12.800		-	7,120	Organic Robotics Corporation	FA864921P1385	-	7,120	-
Air Force Defense Research Sciences Program	12.800		-	22,165	SEMI-FlexTech	FT19-21-209	-	22,165	-
Air Force Defense Research Sciences Program	12.800		-	22,909	The Regents of the University of California on behalf of its San Diego Campus	FA9550-20-1-0351	-	22,909	-
Air Force Defense Research Sciences Program	12.800		-	455,595	University of Washington	FA9550-19-1-0390	-	455,595	-
<i>Department Of The Air Force Subtotal</i>			<u>13,138,658</u>	<u>1,161,568</u>				<u>14,300,226</u>	<u>2,358,407</u>
<i>Department Of The Army</i>									
Military Medical Research and Development	12.420		11,436,845	-			-	11,436,845	1,459,526
Military Medical Research and Development	12.420		-	175,030	Brigham and Women's Hospital	W81XWH-15-1-0269	-	175,030	-
Military Medical Research and Development	12.420		-	89,355	Columbia University Medical Center	W81XWH-19-PRMRP-FPA	-	89,355	-
Military Medical Research and Development	12.420		-	17,595	Dana-Farber Cancer Institute	W81XWH-18-1-0529	-	17,595	-
Military Medical Research and Development	12.420		-	3,204	Duke University	W81XWH-17-1-0372	-	3,204	-
Military Medical Research and Development	12.420		-	10,559	H. Lee Moffitt Cancer Center & Research Institute	W81XWH-20-1-0351	-	10,559	-
Military Medical Research and Development	12.420		-	485,819	Harvard University	W81XWH-17-PRMRP-FPA	-	485,819	-
Military Medical Research and Development	12.420		-	31,934	Henry M. Jackson Foundation for the Advancement of Military Medicine	W81XWH-18-2-0040	-	31,934	-
Military Medical Research and Development	12.420		-	29,416	Nova Southeastern University	W81XWH1820062	-	29,416	-
Military Medical Research and Development	12.420		-	1,511	Princeton University	W81XWH1810237	-	1,511	-
Military Medical Research and Development	12.420		-	11,352	University of Alabama-Birmingham	W81XWH-15-1-0705	-	11,352	-
Basic Scientific Research	12.431		3,091,870	-			-	3,091,870	1,281,110
Basic Scientific Research	12.431		-	89,700	HF Webster Engineering Services Inc	W911NF1920329	-	89,700	-
Basic Scientific Research	12.431		-	505,949	Massachusetts Institute of Technology	W911NF-19-1-0217	-	505,949	-
Basic Scientific Research	12.431		-	313,745	Massachusetts Institute of Technology	W911NF-19-1-0057	-	313,745	-
Basic Scientific Research	12.431		-	175,189	The Board of Trustees of the Leland Stanford Junior University	W911NF-18-2-0152	-	175,189	-
Basic Scientific Research	12.431		-	6,675	The Regents of the University of California on behalf of its Berkeley Campus	W911NF-21-2-0162	-	6,675	-
Basic Scientific Research	12.431		-	48,335	University of Massachusetts Amherst	W911NF-15-1-0568	-	48,335	-
<i>Department Of The Army Subtotal</i>			<u>14,528,715</u>	<u>1,995,368</u>				<u>16,524,083</u>	<u>2,740,636</u>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Department Of The Navy</i>									
Basic and Applied Scientific Research	12.300		7,786,899	-			-	7,786,899	2,661,289
Basic and Applied Scientific Research	12.300		-	54,998	Geegah LLC	HR0011-20-C-0165	-	54,998	-
Basic and Applied Scientific Research	12.300		-	23,954	Georgia State University Research Foundation	N00014-17-1-2588	-	23,954	-
Basic and Applied Scientific Research	12.300		-	128,331	Georgia Tech Research Corporation	N00014-19-1-2266	-	128,331	-
Basic and Applied Scientific Research	12.300		-	47,069	Oregon State University	N00014-18-1-2808	-	47,069	-
Basic and Applied Scientific Research	12.300		-	139,258	San Diego State University Research Foundation	N00014-17-1-2867	-	139,258	-
Basic and Applied Scientific Research	12.300		-	147,436	The President and Fellows of Harvard College	N00014-20-1-2418	-	147,436	-
Basic and Applied Scientific Research	12.300		-	190,189	University of Central Florida	N00014-20-1-2789	-	190,189	-
Basic and Applied Scientific Research	12.300		-	43,000	University of Southern California	N00014-21-1-2163	-	43,000	-
<i>Department Of The Navy Subtotal</i>			<u>7,786,899</u>	<u>774,235</u>				<u>8,561,134</u>	<u>2,661,289</u>
<i>Immediate Office Of The Secretary Of Defense</i>									
Pest Management and Vector Control Research	12.355		195,007	-			-	195,007	133,029
Pest Management and Vector Control Research	12.355		-	20,836	University of Florida	W911QY2010003	-	20,836	-
<i>Immediate Office Of The Secretary Of Defense Subtotal</i>			<u>195,007</u>	<u>20,836</u>				<u>215,843</u>	<u>133,029</u>
<i>Office Of The Secretary Of Defense</i>									
Basic, Applied, and Advanced Research in Science and Engineering	12.630		98,209	-			-	98,209	-
Basic, Applied, and Advanced Research in Science and Engineering	12.630		-	410,215	Advanced Regenerative Manufacturing Institute Inc	W911NF-17-3-003	-	410,215	193,654
Basic, Applied, and Advanced Research in Science and Engineering	12.630		-	139,571	Northwestern University	W911NF-19-2-0140	-	139,571	-
<i>Office Of The Secretary Of Defense Subtotal</i>			<u>98,209</u>	<u>549,786</u>				<u>647,995</u>	<u>193,654</u>
Department of Defense Total			<u>38,436,374</u>	<u>9,825,122</u>				<u>48,261,496</u>	<u>8,241,392</u>
Department of the Interior									
<i>National Park Service</i>									
Cooperative Research and Training Programs – Resources of the National Park System	15.945		33,236	-			-	33,236	-
<i>U.S. Fish And Wildlife Service</i>									
African Elephant Conservation Fund	15.620		35,404	-			-	35,404	-
Great Lakes Restoration	15.662		-	5,236	Oswego County Soil And Water Conservation District	F18AP00050	-	5,236	-
NFWF-USFWS Conservation Partnership	15.663		-	17,122	National Fish And Wildlife Foundation	1903.19.064424	-	17,122	-
<i>U.S. Fish And Wildlife Service Subtotal</i>			<u>35,404</u>	<u>22,358</u>				<u>57,762</u>	<u>-</u>
<i>U.S. Geological Survey</i>									
Assistance to State Water Resources Research Institutes	15.805		116,094	-			-	116,094	57,800
U.S. Geological Survey Research and Data Collection	15.808		86,179	-			-	86,179	-
Cooperative Research Units	15.812		124,640	-			-	124,640	-
Cooperative Research Units	15.812		-	3,601	University of Alaska Fairbanks	G20AC00210	-	3,601	-
National and Regional Climate Adaptation Science Centers	15.820		-	80,014	University of Massachusetts Amherst	G19AC00091	-	80,014	-
<i>U.S. Geological Survey Subtotal</i>			<u>326,913</u>	<u>83,615</u>				<u>410,528</u>	<u>57,800</u>
Department of the Interior Total			<u>395,553</u>	<u>105,973</u>				<u>501,526</u>	<u>57,800</u>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Department of Justice									
<i>Office Of Justice Programs</i>									
National Institute of Justice Research, Evaluation, and Development Project Grants	16.560		535,292	-			-	535,292	147,963
Crime Victim Assistance	16.575		-	75,358	New York State Office of Victim Services	OVS01-C11114GG-1080200	-	75,358	9,063
Crime Victim Assistance	16.575		-	1,184,591	New York State Office of Victim Services	OVS01-C11113GG-1080200	-	1,184,591	-
Crime Victim Assistance/Discretionary Grants	16.582		634,378	-			-	634,378	286,618
<i>Office Of Justice Programs Subtotal</i>			<u>1,169,670</u>	<u>1,259,949</u>				<u>2,429,619</u>	<u>443,644</u>
Department of Justice Total			<u>1,169,670</u>	<u>1,259,949</u>				<u>2,429,619</u>	<u>443,644</u>
Department of Labor									
Disability Employment Policy Development	17.720		-	294,462	The Council Of State Governments	OD-33982-19-75-4-21	-	294,462	-
Department of Labor Total			<u>-</u>	<u>294,462</u>				<u>294,462</u>	<u>-</u>
Department of State									
Department of State, Other	19.RD	N4175618C3034	-	17,643	International Personnel Protection Inc	N4175618C3034	-	17,643	-
Department of State Total			<u>-</u>	<u>17,643</u>				<u>17,643</u>	<u>-</u>
Department of Transportation									
Highway Training and Education	20.215		10,000	-			-	10,000	-
<i>Office of the Secretary</i>									
University Transportation Centers Program	20.701		1,383,710	-			-	1,383,710	863,646
University Transportation Centers Program	20.701		-	112,405	Rutgers The State University of New Jersey	69A3551847102	-	112,405	-
<i>Office of the Secretary Subtotal</i>			<u>1,383,710</u>	<u>112,405</u>				<u>1,496,115</u>	<u>863,646</u>
Department of Transportation Total			<u>1,393,710</u>	<u>112,405</u>				<u>1,506,115</u>	<u>863,646</u>
Appalachian Regional Commission									
Appalachian Research, Technical Assistance, and Demonstration Projects	23.011		134,185	-			-	134,185	-
Appalachian Regional Commission Total			<u>134,185</u>	<u>-</u>				<u>134,185</u>	<u>-</u>
National Aeronautics And Space Administration									
National Aeronautics and Space Administration, Other	43.RD	NNG17FC90C	105,220	-			-	105,220	-
National Aeronautics and Space Administration, Other	43.RD	1530822 (JP59)	-	21,180	The Johns Hopkins University Applied Physics Laboratory LLC	1530822 (JP59)	-	21,180	-
National Aeronautics and Space Administration, Other	43.RD	NAS5-26555	-	100,099	Association of Universities for Research in Astronomy	NAS5-26555	-	100,099	-
National Aeronautics and Space Administration, Other	43.RD	NMO710846	-	150,595	Malin Space Science Systems Inc	NMO710846	-	150,595	-
National Aeronautics and Space Administration, Other	43.RD	NNN12AA01C	-	205,454	Jet Propulsion Laboratory	NNN12AA01C	-	205,454	-
National Aeronautics and Space Administration, Other	43.RD	NNN13D496T	-	479,706	AZ Board of Regents on behalf of Arizona State University	NNN13D496T	-	479,706	-
National Aeronautics and Space Administration, Other	43.RD	NNG16PJ24C	-	65,754	The Board of Trustees of the Leland Stanford Junior University	NNG16PJ24C	-	65,754	-
National Aeronautics and Space Administration, Other	43.RD	1652006	-	22,869	Jet Propulsion Laboratory	1652006	-	22,869	-
National Aeronautics and Space Administration, Other	43.RD	1652140	-	61,205	Jet Propulsion Laboratory	1652140	-	61,205	-
National Aeronautics and Space Administration, Other	43.RD	1652025	-	170,903	Jet Propulsion Laboratory	1652025	-	170,903	-
National Aeronautics and Space Administration, Other	43.RD	1602199	-	22,460	Jet Propulsion Laboratory	1602199	-	22,460	-
National Aeronautics and Space Administration, Other	43.RD	1651595	-	11,718	Jet Propulsion Laboratory	1651595	-	11,718	-
Science	43.001		3,475,434	-			-	3,475,434	568,211
Science	43.001		-	76,281	Association of Universities for Research in Astronomy	80NSSC20K0586	-	76,281	-
Science	43.001		-	13,536	AZ Board of Regents on behalf of Arizona State University	1531839	-	13,536	-
Science	43.001		-	296,971	Jet Propulsion Laboratory	NNN12AA01C	-	296,971	-
Science	43.001		-	4,877	Jet Propulsion Laboratory	1656436	-	4,877	-
Science	43.001		-	(1)	Jet Propulsion Laboratory - California Institute of Technology	JPL 1610217	-	(1)	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Science	43.001		-	21,203	Massachusetts Institute of Technology	80NSSC20K0382	-	21,203	-
Science	43.001		-	8,952	Massachusetts Institute of Technology	80NSSC20K0484	-	8,952	-
Science	43.001		-	14,043	Planetary Science Institute	80NSSC18K0012	-	14,043	-
Science	43.001		-	7,568	Planetary Science Institute	80NSSC20K0749	-	7,568	-
Science	43.001		-	68,447	SETI Institute	80NSSC19K0544	-	68,447	-
Science	43.001		-	233,118	Southwest Research Institute Inc	NNM06AA75C	-	233,118	-
Science	43.001		-	1,548	The Johns Hopkins University Applied Physics Laboratory LLC	80NSSC20K0136	-	1,548	-
Science	43.001		-	85,109	Universities Space Research Association	NNA17BF53C	-	85,109	-
Science	43.001		-	32,777	University of Arizona	1272218/NNN13D947T	-	32,777	-
Science	43.001		-	16,538	University of Central Florida	NNX17AB62G	-	16,538	-
Science	43.001		-	58,506	University Of Nevada, Las Vegas	80NSSC17K0477	-	58,506	-
Science	43.001		-	15,742	University of Virginia	80NSSC19K1258	-	15,742	-
Aeronautics	43.002		46,171	-			-	46,171	-
Exploration	43.003		115,421	-			-	115,421	-
Space Operations	43.007		96,864	-			-	96,864	-
Office of Stem Engagement (OSTEM)	43.008		418,652	-			-	418,652	93,493
Office of Stem Engagement (OSTEM)	43.008		-	77,358	Prairie View A&M University	80NSSC19M0195	-	77,358	-
Office of Stem Engagement (OSTEM)	43.008		-	21,577	Sciencenter	NNX16AM22G	-	21,577	-
Safety, Security and Mission Services	43.009		(1)	-			-	(1)	-
Space Technology	43.012		374,486	-			-	374,486	-
Space Technology	43.012		-	5,572	Massachusetts Institute of Technology	80NSSC19K0211	-	5,572	-
National Aeronautics And Space Administration Total			4,632,247	2,371,665				7,003,912	661,704
National Science Foundation									
Engineering	47.041		13,358,812	-			-	13,358,812	988,088
COVID-19: Engineering	47.041		463,981	-			COVID-19	463,981	31,086
Engineering	47.041		-	63,585	Dimensional Energy, Inc.	1831166	-	63,585	-
Engineering	47.041		-	32,326	FloraPulse Company	20206205	-	32,326	-
Engineering	47.041		-	93,691	Lehigh University	CMMI-1854572	-	93,691	-
Engineering	47.041		-	6,470	North Carolina State University	2029327	-	6,470	-
Engineering	47.041		-	74,516	Renerva LLC	1913761	-	74,516	-
Engineering	47.041		-	60,884	Rochester Institute of Technology	1827551	-	60,884	-
Engineering	47.041		-	1	The Regents of the University of California on behalf of its Berkeley Campus	CCF-0424422	-	1	-
Engineering	47.041		-	84,469	The Regents of the University of California on behalf of its Los Angeles Campus	EEC-1160504	-	84,469	-
Engineering	47.041		-	165,828	The Trustees of Columbia University in the City of New York	EFMA-1641100	-	165,828	-
Engineering	47.041		-	75,012	Trustees of Boston University	CMMI-1727316	-	75,012	-
Engineering	47.041		-	34,295	Trustees of Indiana University	1931641	-	34,295	-
Engineering	47.041		-	45,223	University of Delaware	1830511	-	45,223	-
Engineering	47.041		-	115,086	University of Rochester	CBET-1929256	-	115,086	-
Engineering	47.041		-	50,115	University Of Southern Mississippi	IIP-1841112	-	50,115	-
Engineering	47.041		-	32,074	Utah State University	EEC-1941524	-	32,074	-
Mathematical and Physical Sciences	47.049		46,297,493	-			-	46,297,493	8,841,213
Mathematical and Physical Sciences	47.049		-	595,396	Brigham Young University	1636645	-	595,396	166,531
Mathematical and Physical Sciences	47.049		-	96,073	Oregon State University	PHY-2020265	-	96,073	-
Mathematical and Physical Sciences	47.049		-	21,502	Princeton University	AST-1440226	-	21,502	-
Mathematical and Physical Sciences	47.049		-	743,434	Princeton University	PHY-1624356	-	743,434	430,072
Mathematical and Physical Sciences	47.049		-	(12,107)	Regents of the University of Minnesota	CHE-1413862	-	(12,107)	-
Mathematical and Physical Sciences	47.049		-	797,869	Regents of the University of Minnesota	CHE-1901635	-	797,869	-
Mathematical and Physical Sciences	47.049		-	74,949	The Ohio State University	DMR-1420451	-	74,949	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Mathematical and Physical Sciences	47.049		-	65,167	The Regents of the University of California on behalf of its Berkeley Campus	2002182	-	65,167	-
Mathematical and Physical Sciences	47.049		-	154,751	The University of Utah	2002158	-	154,751	-
Mathematical and Physical Sciences	47.049		-	125,194	University of Notre Dame	1920180	-	125,194	-
Mathematical and Physical Sciences	47.049		-	117,444	University Of Puerto Rico	1827622	-	117,444	-
Mathematical and Physical Sciences	47.049		-	297,787	University Of Wisconsin Milwaukee	PHY-1430284	-	297,787	-
Geosciences	47.050		4,301,581	-			-	4,301,581	1,288,233
Geosciences	47.050		-	9,803	Boyce Thompson Institute for Plant Research Inc	G14945R7301740	-	9,803	-
Geosciences	47.050		-	9,133	University of Colorado Boulder	2028032	-	9,133	-
Geosciences	47.050		-	10,614	University of Georgia	ICER-1940082	-	10,614	-
Computer and Information Science and Engineering	47.070		16,392,352	-			-	16,392,352	1,544,159
COVID-19: Computer and Information Science and Engineering	47.070		298,329	-			COVID-19	298,329	-
					Board of Regents of the University of Wisconsin System on Behalf of the				
Computer and Information Science and Engineering	47.070		-	75,355	University of Wisconsin Milwaukee	1934752	-	75,355	-
Computer and Information Science and Engineering	47.070		-	204,429	Intel Corporation	1723715	-	204,429	-
Computer and Information Science and Engineering	47.070		-	109,067	Lehigh University	CCF-1740796	-	109,067	-
Computer and Information Science and Engineering	47.070		-	5,093	Pecan Street Inc	1951927	-	5,093	-
Computer and Information Science and Engineering	47.070		-	205,611	Princeton University	OAC-1836650	-	205,611	-
Computer and Information Science and Engineering	47.070		-	26,830	Regents of the University of Minnesota	OAC-2037773	-	26,830	-
Computer and Information Science and Engineering	47.070		-	197,134	The Board of Trustees of the Leland Stanford Junior University	CCF-1918549	-	197,134	-
Computer and Information Science and Engineering	47.070		-	94,139	The President and Fellows of Harvard College	IIS-1901030	-	94,139	-
Computer and Information Science and Engineering	47.070		-	327,439	The University of Texas at Austin	1663578	-	327,439	-
Computer and Information Science and Engineering	47.070		-	81,985	The University of Texas at Austin	1854828	-	81,985	-
Computer and Information Science and Engineering	47.070		-	29,407	Trustees of Indiana University	ACI-1445604	-	29,407	-
Computer and Information Science and Engineering	47.070		-	18,948	Trustees of Indiana University	2005506	-	18,948	-
Computer and Information Science and Engineering	47.070		-	669,472	University of Illinois at Urbana-Champaign	ACI-1548562	-	669,472	-
Computer and Information Science and Engineering	47.070		-	148,036	University of North Carolina Chapel Hill	1639268	-	148,036	-
Computer and Information Science and Engineering	47.070		-	51,580	Vanderbilt University	1952011	-	51,580	-
Computer and Information Science and Engineering	47.070		-	121,444	Virginia Polytechnic Institute and State University	ACI-1547580	-	121,444	-
Computer and Information Science and Engineering	47.070		-	36,404	Virginia Polytechnic Institute and State University	480388-19D20	-	36,404	-
Biological Sciences	47.074		11,797,910	-			-	11,797,910	1,825,028
Biological Sciences	47.074		-	1,932	Boyce Thompson Institute for Plant Research Inc	IOS-1546625	-	1,932	-
Biological Sciences	47.074		-	53,864	Boyce Thompson Institute for Plant Research Inc	IOS1653021	-	53,864	-
Biological Sciences	47.074		-	12,505	Boyce Thompson Institute for Plant Research Inc	NSF IOS 2024252	-	12,505	-
Biological Sciences	47.074		-	105,337	Cary Institute of Ecosystem Studies Inc	1637685	-	105,337	-
Biological Sciences	47.074		-	75,036	Iowa State University of Science and Technology	1827567	-	75,036	-
Biological Sciences	47.074		-	1	Kansas State University	1543958	-	1	-
Biological Sciences	47.074		-	73,374	Michigan State University	IOS-1546657	-	73,374	-
Biological Sciences	47.074		-	1,754	Northern Arizona University	DEB-1655357	-	1,754	-
Biological Sciences	47.074		-	(614)	Syracuse University	DEB-1655840	-	(614)	-
Biological Sciences	47.074		-	114,528	The Regents of the University of California on behalf of its San Diego Campus	1444507	-	114,528	-
Biological Sciences	47.074		-	235,134	The Research Foundation for the State University of New York Buffalo	DBI-1231306	-	235,134	-
Biological Sciences	47.074		-	124,126	University of Colorado	DBI 2014217	-	124,126	-
Biological Sciences	47.074		-	101,708	University of Massachusetts Amherst	IOS-1754966	-	101,708	-
Biological Sciences	47.074		-	23,211	University of Washington	IOS-1748843	-	23,211	-
Biological Sciences	47.074		-	465	University Of Wyoming	DEB-1457070	-	465	-
Social, Behavioral, and Economic Sciences	47.075		1,039,734	-			-	1,039,734	81,373
COVID-19: Social, Behavioral, and Economic Sciences	47.075		402,356	-			COVID-19	402,356	41,961
Social, Behavioral, and Economic Sciences	47.075		-	180	Chief Dull Knife College	BCS-1664462	-	180	-
Social, Behavioral, and Economic Sciences	47.075		-	(1)	New York University	BCS-1551826	-	(1)	-
Social, Behavioral, and Economic Sciences	47.075		-	54,463	Northwestern University	SES-2017581	-	54,463	-
Social, Behavioral, and Economic Sciences	47.075		-	(566)	The Regents of the University of California on behalf of its Berkeley Campus	1650589	-	(566)	-

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Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Education and Human Resources	47.076		8,147,071	-			-	8,147,071	123,752
Education and Human Resources	47.076		-	5,999	Maine Mathematics and Science Alliance	1713134	-	5,999	-
Education and Human Resources	47.076		-	63,116	Sciencenter	DRL-1610039	-	63,116	-
Education and Human Resources	47.076		-	77,789	Syracuse University	1712733	-	77,789	-
Education and Human Resources	47.076		-	9,448	The Board of Trustees of the Leland Stanford Junior University	DUE-1611482	-	9,448	-
Education and Human Resources	47.076		-	135,087	Tuskegee University	1735971	-	135,087	-
Education and Human Resources	47.076		-	53,247	Twin Cities Public Television Inc	2004085	-	53,247	-
Education and Human Resources	47.076		-	643	University of Maine	DUE-1712704	-	643	-
Education and Human Resources	47.076		-	17,966	University of Maine	1725130	-	17,966	-
Polar Programs	47.078		-	125,568	University of Chicago	1935892	-	125,568	-
Office of International Science and Engineering	47.079		15,635	-			-	15,635	-
Integrative Activities	47.083		-	76,327	The Trustees of Columbia University in the City of New York	OIA-2040613	-	76,327	-
Integrative Activities	47.083		-	8,688	Vanderbilt University	OIA-1936970	-	8,688	-
Integrative Activities	47.083		-	92,211	Vanderbilt University	OIA-2033413	-	92,211	-
National Science Foundation Total			102,515,254	8,085,483				110,600,737	15,361,496
Department of Veterans Affairs									
Research and Development	64.054		50,000	-			-	50,000	-
Department of Veterans Affairs Total			50,000	-				50,000	-
Environmental Protection Agency									
Chesapeake Bay Program	66.466		-	59,092	Rand Corporation	CB963411401 via 17726	-	59,092	-
Great Lakes Program	66.469		1,321,972	-	The Research Foundation for the State University of New York Buffalo State		-	1,321,972	538,455
Great Lakes Program	66.469		-	5,534	College	GL00E02254	-	5,534	-
Great Lakes Program	66.469		-	11,785	University of Notre Dame	GL-00E02226	-	11,785	-
Science To Achieve Results (STAR) Research Program	66.509		-	(1)	Northeastern University	83615501	-	(1)	-
P3 Award: National Student Design Competition for Sustainability	66.516		10,181	-			-	10,181	61
Source Reduction Assistance	66.717		-	8,095	Rochester Institute of Technology	X9-96264400-0	-	8,095	-
Environmental Protection Agency Total			1,332,153	84,505				1,416,658	538,516
Department Of Energy									
Department of Energy, Other	81.RD	DE-AC02-05CH11231	-	24,717	Lawrence Berkeley National Laboratory	DE-AC02-05CH11231	-	24,717	-
Department of Energy, Other	81.RD	DE-AC02-07CH11359	-	86,418	Fermi National Accelerator Laboratory	DE-AC02-07CH11359	-	86,418	-
Department of Energy, Other	81.RD	DE-AC02-98CH10886	-	1,026	Brookhaven National Lab	DE-AC02-98CH10886	-	1,026	-
Department of Energy, Other	81.RD	DE-AC04-94AL85000	-	64,992	Sandia National Laboratories	DE-AC04-94AL85000	-	64,992	-
Department of Energy, Other	81.RD	DE-AC05-76RL01830	-	392,453	Pacific Northwest National Laboratory	DE-AC05-76RL01830	-	392,453	-
Department of Energy, Other	81.RD	DE-AC52-07NA27344	-	57,030	Lawrence Livermore National Laboratory	DE-AC52-07NA27344	-	57,030	-
Department of Energy, Other	81.RD	DE-NA0003525	-	8,057	Sandia National Laboratories	DE-NA0003525	-	8,057	-
Department of Energy, Other	81.RD	DE-SC0015727	-	1,231	Ultramet	DE-SC0015727	-	1,231	-
Department of Energy, Other	81.RD	DE-AC52-06NA25396	-	104,814	Los Alamos National Laboratory	DE-AC52-06NA25396	-	104,814	-
Department of Energy, Other	81.RD	89233218CNA000001	-	136,089	Los Alamos National Laboratory	89233218CNA000001	-	136,089	-
Department of Energy, Other	81.RD	DE-AC02-06CH11357	-	498,703	Argonne National Laboratory	DE-AC02-06CH11357	-	498,703	-
Department of Energy, Other	81.RD	DE-AC02-07CH11358	-	120,438	Ames Laboratory	DE-AC02-07CH11358	-	120,438	-
Department of Energy, Other	81.RD	DE-AC36-08GO28308	-	43,397	National Renewable Energy Laboratory	DE-AC36-08GO28308	-	43,397	-
Department of Energy, Other	81.RD	DE-SC0017902	-	35,869	Ultramet	DE-SC0017902	-	35,869	-
Department of Energy, Other	81.RD	DE-SC0012704	-	232,740	Brookhaven National Lab	DE-SC0012704	-	232,740	-
Department of Energy, Other	81.RD	DE-AC02-76SF00515	-	39,594	SLAC National Accelerator Laboratory	DE-AC02-76SF00515	-	39,594	-
Department of Energy, Other	81.RD	DE-EE0008930	-	104,615	New York State Energy Research and Development Authority	DE-EE0008930	-	104,615	-
Department of Energy, Other	81.RD	SC-19-491	-	105,200	Ames Laboratory	SC-19-491	-	105,200	-

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Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Energy</i>									
Office of Science Financial Assistance Program	81.049		11,893,219	-			-	11,893,219	1,564,032
Office of Science Financial Assistance Program	81.049		-	239,586	AZ Board of Regents on behalf of Arizona State University	DE-SC0021230	-	239,586	-
Office of Science Financial Assistance Program	81.049		-	150,833	California Institute of Technology	DE-SC002038	-	150,833	-
Office of Science Financial Assistance Program	81.049		-	311,315	Iowa State University of Science and Technology	DE-SC0016438	-	311,315	-
Office of Science Financial Assistance Program	81.049		-	74,633	Michigan State University	DE-SC0017883	-	74,633	-
Office of Science Financial Assistance Program	81.049		-	127,208	Mitegen, LLC	DE-SC0019546	-	127,208	-
Office of Science Financial Assistance Program	81.049		-	111,177	Niowave Inc	DE-SC0017734	-	111,177	-
Office of Science Financial Assistance Program	81.049		-	58,705	Northwestern University	DE-SC0021314	-	58,705	-
Office of Science Financial Assistance Program	81.049		-	12,182	Princeton University	DE-SC0019370	-	12,182	-
Office of Science Financial Assistance Program	81.049		-	27,402	Qrona Technologies LLC	DE-SC0020601	-	27,402	-
Office of Science Financial Assistance Program	81.049		-	(6,075)	Radiation Monitoring Devices Inc	DE-SC0017202	-	(6,075)	-
Office of Science Financial Assistance Program	81.049		-	6,887	Radiation Monitoring Devices Inc	DE-SC0020607	-	6,887	-
Office of Science Financial Assistance Program	81.049		-	108,508	Regents of the University of Minnesota	DE-SC0008688	-	108,508	-
Office of Science Financial Assistance Program	81.049		-	64,610	State University of New York Stony Brook	DESC0020375	-	64,610	-
Office of Science Financial Assistance Program	81.049		-	18,879	Structured Materials Industries Inc	DE-SC0020517	-	18,879	-
Office of Science Financial Assistance Program	81.049		-	63,446	Sydor Instruments	DE-SC0017139	-	63,446	-
Office of Science Financial Assistance Program	81.049		-	90,481	Sydor Instruments	DE-SC0021504	-	90,481	-
Office of Science Financial Assistance Program	81.049		-	186,806	The Johns Hopkins University	DE-SC0019331	-	186,806	-
Office of Science Financial Assistance Program	81.049		-	114,346	The Regents of the University of California on behalf of its Davis Campus	DE-SC0016605	-	114,346	-
Office of Science Financial Assistance Program	81.049		-	79,348	The Regents of the University of California on behalf of its Irvine Campus	DE-SC0021302	-	79,348	-
Office of Science Financial Assistance Program	81.049		-	144,904	The Regents of the University of California on behalf of its Santa Barbara Campus	DE-SC0018901	-	144,904	-
Office of Science Financial Assistance Program	81.049		-	322,778	The Research Foundation for the State University of New York Stony Brook	DE-SC0012673	-	322,778	-
Office of Science Financial Assistance Program	81.049		-	206,295	The University of Utah	DE-SC0019285	-	206,295	-
Office of Science Financial Assistance Program	81.049		-	107,480	University of New Mexico	DE-SC0018370	-	107,480	-
Conservation Research and Development	81.086		254,948	-			-	254,948	26,068
Conservation Research and Development	81.086		-	92,591	Auburn University	DE-EE0008483	-	92,591	-
Conservation Research and Development	81.086		-	135,855	Ford Motor Co.	DE-EE0008464	-	135,855	-
Conservation Research and Development	81.086		-	91,191	General Motors Company	DE-EE0008821	-	91,191	-
Renewable Energy Research and Development	81.087		407,692	-			-	407,692	69,158
Renewable Energy Research and Development	81.087		-	100,678	American Institute for Chemical Engineers	DE-EE0007888	-	100,678	-
Renewable Energy Research and Development	81.087		-	179,900	Duke University	DE-EE0007091	-	179,900	-
Renewable Energy Research and Development	81.087		-	3,453	General Motors Company	DE-EE0007271	-	3,453	-
Fossil Energy Research and Development	81.089		-	65,840	The Trustees of Columbia University in the City of New York	DE-FE0031963	-	65,840	-
Stewardship Science Grant Program	81.112		2,821,225	-			-	2,821,225	1,065,768
Defense Nuclear Nonproliferation Research	81.113		99,471	-			-	99,471	-
Nuclear Energy Research, Development and Demonstration	81.121		-	19,283	University of Michigan	DE-NE0008976	-	19,283	-
National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program	81.123		-	29,614	Lawrence Livermore National Laboratory	DE-AC52-07NA27344	-	29,614	-
Advanced Research Projects Agency - Energy	81.135		720,012	-			-	720,012	27,771
Advanced Research Projects Agency - Energy	81.135		-	6,776	University of Colorado Boulder	DE-AR0001327	-	6,776	-
Advanced Research Projects Agency - Energy	81.135		-	(4,784)	University of Illinois at Urbana-Champaign	DE-AR0000598	-	(4,784)	-
Advanced Research Projects Agency - Energy	81.135		-	159,542	Woods Hole Oceanographic Institute	DE-AR0000915	-	159,542	-
<i>Energy Subtotal</i>			16,196,567	3,501,673				19,698,240	2,752,797
Department of Energy Total			16,196,567	5,559,056				21,755,623	2,752,797

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Department of Education									
<i>Institute Of Education Sciences</i>									
Education Research, Development and Dissemination	84.305		-	26,236	The President and Fellows of Harvard College	R305C190004	-	26,236	-
<i>Office Of Postsecondary Education</i>									
Undergraduate International Studies and Foreign Language Programs	84.016		145,407	-			-	145,407	-
Overseas Programs - Doctoral Dissertation Research Abroad	84.022		18,427	-			-	18,427	-
<i>Office Of Postsecondary Education Subtotal</i>									
			163,834	-				163,834	-
Department of Education Total									
			163,834	26,236				190,070	-
Department Of Health And Human Services									
Department of Health and Human Services, Other	93.RD	136898	49,850	-			-	49,850	-
Department of Health and Human Services, Other	93.RD	211073	122,495	-			-	122,495	-
Department of Health and Human Services, Other	93.RD	75F40119P10293	(1)	-			-	(1)	-
Department of Health and Human Services, Other	93.RD	75F40120C00140	215,262	-			-	215,262	-
Department of Health and Human Services, Other	93.RD	75D30121C10170	95,681	-			-	95,681	17,239
Department of Health and Human Services, Other	93.RD	67909726	-	235,975	Mayo Clinic College of Medicine, Minnesota	67909726	-	235,975	-
Department of Health and Human Services, Other	93.RD	HHSN26100008	-	194,287	Leidos Biomedical Research	HHSN26100008	-	194,287	-
Department of Health and Human Services, Other	93.RD	75N92019D00027	-	145,889	University of Oklahoma	75N92019D00027	-	145,889	-
COVID-19: Department of Health and Human Services, Other	93.RD	75N92020D00018/75N92020F00	-	56,861	University of Chicago	75N92020D00018/75N92020F00001	COVID-19	56,861	-
Department of Health and Human Services, Other	93.RD	20 WCORNELL 01	-	26,471	Public Health Solutions	20 WCORNELL 01	-	26,471	-
Department of Health and Human Services, Other	93.RD	NYCDA 212438-01	-	41,628	New York City Department for the Aging	NYCDA 212438-01	-	41,628	-
Department of Health and Human Services, Other	93.RD	CALGB 5N02-CM-97024	-	10,761	CALGB FOUNDATION: CLINICAL TRIALS S	CALGB 5N02-CM-97024	-	10,761	-
Department of Health and Human Services, Other	93.RD	HHSN261201500003I	-	11,478	Memorial Sloan Kettering Cancer Center	HHSN261201500003I	-	11,478	-
Department of Health and Human Services, Other	93.RD	P01A1102851	-	26,624	David H. Smith Center for Vaccine Biology and Immunology	P01A1102851	-	26,624	-
Department of Health and Human Services, Other	93.RD	138495	-	20,926	The Ohio State University	-	-	20,926	-
<i>Administration For Children And Families</i>									
Social Services Research and Demonstration	93.647		23,550	-			-	23,550	-
<i>Administration For Community Living</i>									
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		826,072	-			-	826,072	352,325
Developmental Disabilities Basic Support and Advocacy Grants	93.630		-	306,938	New York State Developmental Disabilities Planning Council	DDP01-C00005GG-1100200	-	306,938	-
<i>Administration For Community Living Subtotal</i>									
			826,072	306,938				1,133,010	352,325
<i>Agency For Healthcare Research And Quality</i>									
Research on Healthcare Costs, Quality and Outcomes	93.226		665,074	-			-	665,074	164,292
Research on Healthcare Costs, Quality and Outcomes	93.226		-	8,369	Baylor University	1R01HS027784-01	-	8,369	-
Research on Healthcare Costs, Quality and Outcomes	93.226		-	(1,434)	Columbia University	R01HS024915	-	(1,434)	-
Research on Healthcare Costs, Quality and Outcomes	93.226		-	42,894	Columbia University	R01HS024262	-	42,894	-
<i>Agency For Healthcare Research And Quality Subtotal</i>									
			665,074	49,829				714,903	164,292

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Centers For Disease Control And Prevention</i>									
Global AIDS	93.067		-	102,953	GHEKIO Centers	5 NU2 GGH001924-05	-	102,953	-
Chronic Diseases: Research, Control, and Prevention	93.068		-	21,526	University of Alabama-Birmingham	U01DP006302	-	21,526	-
Birth Defects and Developmental Disabilities - Prevention and Surveillance	93.073		-	7,358	Health Research, Inc.	U01DD001227	-	7,358	-
Birth Defects and Developmental Disabilities - Prevention and Surveillance	93.073		-	143,045	University of South Carolina	5U19DD001218-04-00 & 01	-	143,045	135,980
Blood Disorder Program: Prevention, Surveillance, and Research	93.080		246,076	-			-	246,076	-
Blood Disorder Program: Prevention, Surveillance, and Research	93.080		-	21,507	Icahn School of Medicine at Mount Sinai	NU27DD000020	-	21,507	-
Blood Disorder Program: Prevention, Surveillance, and Research	93.080		-	7,106	Mount Sinai School of Medicine	5 U27 DD001155-05-00	-	7,106	-
Prevention of Disease, Disability, and Death by Infectious Diseases	93.084		2,469,184	-			-	2,469,184	1,587,340
Injury Prevention and Control Research and State and Community Based Programs	93.136		-	229,541	Health Research Incorporated	1U01CE002834-01	-	229,541	-
Injury Prevention and Control Research and State and Community Based Programs	93.136		-	141,108	Health Research, Inc.	R01CE003022	-	141,108	-
Injury Prevention and Control Research and State and Community Based Programs	93.136		-	40,902	Rand Corporation	R01CE002999	-	40,902	-
CDC's Collaboration with Academia to Strengthen Public Health	93.967		-	6,647	Association of American Medical Colleges	SNU36OE000007-03-00	-	6,647	-
<i>Centers For Disease Control And Prevention Subtotal</i>			<u>2,715,260</u>	<u>721,693</u>				<u>3,436,953</u>	<u>1,723,320</u>
<i>Food and Drug Administration</i>									
Food and Drug Administration Research	93.103		1,613,304	-			-	1,613,304	559,557
Food and Drug Administration Research	93.103		-	9,945	Duke Clinical Research Institute	U01FD006292	-	9,945	-
Food and Drug Administration Research	93.103		-	121,096	Johns Hopkins University	U01FD005942	-	121,096	-
Food and Drug Administration Research	93.103		-	35,513	Massachusetts General Hospital	U01FD007064	-	35,513	-
Food and Drug Administration Research	93.103		-	62,204	National Farmers Union Foundation	1U01FD006921-01	-	62,204	-
Food and Drug Administration Research	93.103		-	170,974	NEST Coordinating Center	U01FD006292	-	170,974	73,515
Food and Drug Administration Research	93.103		-	54,013	Northeastern University	2P52ES017198-11	-	54,013	-
Food and Drug Administration Research	93.103		-	67,573	Vanderbilt University Medical Center	U01FD006292	-	67,573	-
Maternal and Child Health Federal Consolidated Programs	93.110		193,482	-			-	193,482	-
Maternal and Child Health Federal Consolidated Programs	93.110		-	662	Mount Sinai School of Medicine	5 H30 MC24048-08	-	662	-
Maternal and Child Health Federal Consolidated Programs	93.110		-	21,715	Mount Sinai School of Medicine	H30MC24048	-	21,715	-
<i>Food and Drug Administration Subtotal</i>			<u>1,806,786</u>	<u>543,695</u>				<u>2,350,481</u>	<u>633,072</u>
<i>Health Resources And Services Administration</i>									
HIV-Related Training and Technical Assistance	93.145		-	254,887	Columbia University	2 U10HA29291-05-04	-	254,887	-
Centers of Excellence	93.157		675,814	-			-	675,814	-
COVID-19: Centers of Excellence	93.157		-	119,792			COVID-19	119,792	-
<i>Health Resources And Services Administration Subtotal</i>			<u>795,606</u>	<u>254,887</u>				<u>1,050,493</u>	<u>-</u>
<i>Immed Office Of The Secretary Of Health And Human Services</i>									
COVID-19: Biomedical Advanced Research and Development Authority (BARDA), Biodefense Medical Countermeasure Development	93.360		-	429,258	Duke University	HHSO1002014000021	COVID-19	429,258	-
<i>National Institutes Of Health</i>									
Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077		694,795	-			-	694,795	-
Environmental Health	93.113		714,665	-			-	714,665	-
Environmental Health	93.113		-	30,007	Columbia University	R01ES032638	-	30,007	-
Environmental Health	93.113		-	17,617	Emory University	5R01ES027892-05	-	17,617	-
Environmental Health	93.113		-	55,819	Pennsylvania State University	1R35ES028244-01	-	55,819	-
Environmental Health	93.113		-	143,797	Pennsylvania State University	5R01ES013768-12	-	143,797	-
Environmental Health	93.113		-	251,378	Princeton University	5R01ES029929-03	-	251,378	-
Environmental Health	93.113		-	52,181	State University of New York Binghamton	1R01ES028788-01A1	-	52,181	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Oral Diseases and Disorders Research	93.121		576,588	-			-	576,588	-
Oral Diseases and Disorders Research	93.121		-	20,799	Harvard School of Dental Medicine	DE029615	-	20,799	-
NIEHS Superfund Hazardous Substances_Basic Research and Education	93.143		-	92,454	Northeastern University	2P42ES017198-11	-	92,454	-
NIEHS Superfund Hazardous Substances_Basic Research and Education	93.143		-	6,142	Northeastern University	5P42ES017198-11	-	6,142	-
NIEHS Superfund Hazardous Substances_Basic Research and Education	93.143		-	236,086	University of North Carolina Chapel Hill	1P42ES031007-01	-	236,086	-
Research Related to Deafness and Communication Disorders	93.173		772,547	-			-	772,547	-
Research Related to Deafness and Communication Disorders	93.173		-	40,260	Binghamton University	R01DC006914	-	40,260	-
Research Related to Deafness and Communication Disorders	93.173		-	56,671	Drexel University College of Medicine	R01DC017181	-	56,671	-
Research Related to Deafness and Communication Disorders	93.173		-	92	Father Flanagan's Boys' Home d/b/a Boys Town	R01DC015056	-	92	-
Research Related to Deafness and Communication Disorders	93.173		-	2,923	Renerva LLC	1R43DC017634-01	-	2,923	-
Research Related to Deafness and Communication Disorders	93.173		-	846	Stowers Institute for Medical Research	5R01DC014701-02	-	846	-
Research Related to Deafness and Communication Disorders	93.173		-	(911)	University of Chicago	5R01DC014367-05	-	(911)	-
Research Related to Deafness and Communication Disorders	93.173		-	20,838	University of Rochester	3R01DC017261-03S1	-	20,838	-
Environmental Health	93.113		-	98,035	The Regents of the University of California on behalf of its Santa Cruz campus	1R01ES028369-01A1	-	98,035	-
Human Genome Research	93.172		2,481,574	-			-	2,481,574	276,940
Human Genome Research	93.172		-	24,995	New York Genome Center Inc.	RM1HG011014	-	24,995	-
Human Genome Research	93.172		-	51,835	Washington University in St. Louis	5U01HG009391-02	-	51,835	-
Human Genome Research	93.172		-	32,078	Washington University in St. Louis	3U01HG009391-04S1	-	32,078	-
Research and Training in Complementary and Integrative Health	93.213		1,286,721	-			-	1,286,721	-
Research and Training in Complementary and Integrative Health	93.213		-	8,231	Yale University	R01AT011419	-	8,231	-
National Center on Sleep Disorders Research	93.233		-	6,858	New York University School of Medicine	K23HL125939	-	6,858	-
Mental Health Research Grants	93.242		14,716,706	-			-	14,716,706	1,800,218
Mental Health Research Grants	93.242		-	1,638	Brigham and Women's Hospital	R34MH114739	-	1,638	-
Mental Health Research Grants	93.242		-	89,264	Brigham and Women's Hospital	R01MH124381	-	89,264	-
Mental Health Research Grants	93.242		-	122,709	Child Mind Institute, Inc.	R01MH115363	-	122,709	-
Mental Health Research Grants	93.242		-	3,693	Child Mind Institute, Inc.	R01MH105506	-	3,693	-
Mental Health Research Grants	93.242		-	(14,305)	Dartmouth College	T32MH073553	-	(14,305)	-
Mental Health Research Grants	93.242		-	3,066	Dartmouth-Hitchcock Medical Center	T32MH073553	-	3,066	-
Mental Health Research Grants	93.242		-	1,733	Florida State University	5R01MH104423-06	-	1,733	-
Mental Health Research Grants	93.242		-	142,522	Georgia Institute of Technology	R01MH114999	-	142,522	-
Mental Health Research Grants	93.242		-	96,544	Johns Hopkins University	R01MH113512	-	96,544	-
Mental Health Research Grants	93.242		-	50,991	Kaiser Foundation Research Institute	U19MH121738	-	50,991	-
Mental Health Research Grants	93.242		-	(24,547)	New York University School of Medicine	R01MH105506	-	(24,547)	-
Mental Health Research Grants	93.242		-	4,761	Northwestern University	R01MH118213	-	4,761	-
Mental Health Research Grants	93.242		-	17,810	Open Source Instruments Inc	1R43MH119880-01A1	-	17,810	-
Mental Health Research Grants	93.242		-	(966)	University of Connecticut	R01MH112148	-	(966)	-
Mental Health Research Grants	93.242		-	26,886	University of Connecticut Health Center	R01MH112148	-	26,886	-
Mental Health Research Grants	93.242		-	23,899	University of Connecticut Health Center	R01MH124740	-	23,899	-
Mental Health Research Grants	93.242		-	114,951	University of Missouri	R01MH113560	-	114,951	-
Mental Health Research Grants	93.242		-	165,644	University of Missouri	R01MH108559	-	165,644	-
Mental Health Research Grants	93.242		-	60,467	University of Pennsylvania	UF1MH121944	-	60,467	-
Mental Health Research Grants	93.242		-	200,861	University of Washington	R61MH110509	-	200,861	46,807
Mental Health Research Grants	93.242		-	55,022	Vanderbilt University Medical Center	R61MH122464	-	55,022	-
Mental Health Research Grants	93.242		-	64,226	Virginia Commonwealth University	R01MH084894	-	64,226	-
Mental Health Research Grants	93.242		-	187,702	Vitalant Research Institute	R01MH112457	-	187,702	-
Mental Health Research Grants	93.242		-	37,048	Yale University	R01MH124110	-	37,048	-
Alcohol Research Programs	93.273		1,438,899	-			-	1,438,899	31,269
Alcohol Research Programs	93.273		-	14,694	Washington State University	R01AA020248	-	14,694	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Drug Abuse and Addiction Research Programs	93.279		6,660,325	-			-	6,660,325	1,627,222
COVID-19: Drug Abuse and Addiction Research Programs	93.279		61,868	-			COVID-19	61,868	25,311
Drug Abuse and Addiction Research Programs	93.279		-	25,796	Albert Einstein College of Medicine, Yeshiva Univ.	R01DA044878	-	25,796	-
Drug Abuse and Addiction Research Programs	93.279		-	40,084	Baystate Medical Center	UG1DA050067	-	40,084	-
Drug Abuse and Addiction Research Programs	93.279		-	75,867	Boston Medical Center (Corporation)	R01DA046527	-	75,867	-
Drug Abuse and Addiction Research Programs	93.279		-	58,867	Boston Medical Center (Corporation)	UM1DA049412	-	58,867	-
Drug Abuse and Addiction Research Programs	93.279		-	21,760	Columbia University	R01DA043130	-	21,760	-
Drug Abuse and Addiction Research Programs	93.279		-	107,877	Columbia University	R01DA041510	-	107,877	-
Drug Abuse and Addiction Research Programs	93.279		-	57,727	Columbia University	R01DA045713	-	57,727	-
Drug Abuse and Addiction Research Programs	93.279		-	101,067	Columbia University	UM1DA049415	-	101,067	-
Drug Abuse and Addiction Research Programs	93.279		-	44,227	Friends Research Institute, Inc.	UG1DA050077	-	44,227	-
Drug Abuse and Addiction Research Programs	93.279		-	170,574	Kaiser Foundation Research Institute	UG1DA040314	-	170,574	-
Drug Abuse and Addiction Research Programs	93.279		-	1,855	Lifespan	5R25DA037190-06	-	1,855	-
Drug Abuse and Addiction Research Programs	93.279		-	51,733	New York University	R01DA045042	-	51,733	-
Drug Abuse and Addiction Research Programs	93.279		-	156,417	New York University School of Medicine	UG1DA013035	-	156,417	-
Drug Abuse and Addiction Research Programs	93.279		-	55,914	Research Foundation for Mental Hygiene, Inc.	UG1DA050071	-	55,914	-
Drug Abuse and Addiction Research Programs	93.279		-	60,501	Research Foundation of CUNY	R01DA041298	-	60,501	-
Drug Abuse and Addiction Research Programs	93.279		-	21,862	RTI International	UM1DA049394	-	21,862	-
Drug Abuse and Addiction Research Programs	93.279		-	11,883	Simon Fraser University	R01DA041747	-	11,883	-
Drug Abuse and Addiction Research Programs	93.279		-	51,446	University of Cincinnati	UG1DA013732	-	51,446	-
Drug Abuse and Addiction Research Programs	93.279		-	43,974	University of Kentucky	R01DA048892	-	43,974	-
Drug Abuse and Addiction Research Programs	93.279		-	45,268	Yale University	UG1DA015831	-	45,268	-
Drug Abuse and Addiction Research Programs	93.279		-	29,162	Yale University	U01DA053039	-	29,162	-
Drug Abuse and Addiction Research Programs	93.279		-	16,732	Yale University	R01DA050454	-	16,732	-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		2,823,032	-			-	2,823,032	265,308
COVID-19: Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		254,835	-			COVID-19	254,835	-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		-	5,718	Hura Imaging, Inc.	H11 210312-01	-	5,718	-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		-	184,981	Tufts University	5R01EB030061-02	-	184,981	-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		-	4,029	Tufts University	R01EB016041	-	4,029	-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		-	4,289	University Of Memphis	5U54EB020404-05	-	4,289	-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		-	97,300	University of Rochester	R01EB028933	-	97,300	-
Minority Health and Health Disparities Research	93.307		249,763	-			-	249,763	37,233
Minority Health and Health Disparities Research	93.307		-	49,042	Oregon Health & Science University	R01MD011403	-	49,042	-
Minority Health and Health Disparities Research	93.307		-	84,332	Research Foundation of CUNY	R25MD011713	-	84,332	-
Minority Health and Health Disparities Research	93.307		-	99,763	University of Pennsylvania	R01MD013859	-	99,763	-
Trans-NIH Research Support	93.310		5,447,632	-			-	5,447,632	-
Trans-NIH Research Support	93.310		-	276,407	Boyce Thompson Institute for Plant Research Inc	-	-	276,407	-
Trans-NIH Research Support	93.310		-	43,584	Brandeis University	U01GM132367	-	43,584	-
Trans-NIH Research Support	93.310		-	4,025,993	Columbia University	OT2OD026556	-	4,025,993	-
Trans-NIH Research Support	93.310		-	140,120	Memorial Sloan Kettering Cancer Center	U01DK128852	-	140,120	-
Trans-NIH Research Support	93.310		-	61,370	The Regents of the University of California on behalf of its San Francisco Campus	1R61HD105618-01	-	61,370	-
Trans-NIH Research Support	93.310		-	320,274	University of Miami	U01DA053941	-	320,274	-
National Center for Advancing Translational Sciences	93.350		8,219,804	-			-	8,219,804	1,306,257
COVID-19: National Center for Advancing Translational Sciences	93.350		617,856	-			COVID-19	617,856	-
National Center for Advancing Translational Sciences	93.350		-	42,280	University of Pittsburgh	UL1TR001857	-	42,280	-
Research Infrastructure Programs	93.351		1,707,945	-			-	1,707,945	45,536
21st Century Cures Act - Beau Biden Cancer Moonshot	93.353		1,799,618	-			-	1,799,618	424,074
21st Century Cures Act - Beau Biden Cancer Moonshot	93.353		-	28,745	Geisinger Clinic	RCA211723A	-	28,745	-
21st Century Cures Act - Beau Biden Cancer Moonshot	93.353		-	30,645	Sloan-Kettering Institute for Cancer Research	U01CA224175	-	30,645	-
21st Century Cures Act - Beau Biden Cancer Moonshot	93.353		-	34,442	St. Jude Children's Research Hospital	U54CA243124	-	34,442	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

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Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Nursing Research	93.361		848,882	-			-	848,882	250,755
Nursing Research	93.361		-	16,287	Brigham and Women's Hospital	R01NR017034	-	16,287	-
Cancer Cause and Prevention Research	93.393		7,697,286	-			-	7,697,286	1,099,686
Cancer Cause and Prevention Research	93.393		-	37,422	Albert Einstein College of Medicine, Yeshiva Univ.	R01CA222358	-	37,422	-
Cancer Cause and Prevention Research	93.393		-	61,824	Brigham and Women's Hospital	P01CA087969	-	61,824	-
Cancer Cause and Prevention Research	93.393		-	34,869	Brigham and Women's Hospital	R01CA178263	-	34,869	-
Cancer Cause and Prevention Research	93.393		-	74,161	Case Western Reserve University	1R37CA244613-01	-	74,161	-
Cancer Cause and Prevention Research	93.393		-	28,852	Columbia University	R01CA205028	-	28,852	-
Cancer Cause and Prevention Research	93.393		-	42,505	Harvard School of Public Health	U01CA167552	-	42,505	-
Cancer Cause and Prevention Research	93.393		-	43,726	Health Research Inc. & Roswell Park Cancer Institute	R01CA234162	-	43,726	-
Cancer Cause and Prevention Research	93.393		-	13,837	Iowa State University of Science and Technology	R37CA259156	-	13,837	-
Cancer Cause and Prevention Research	93.393		-	112,001	Kaiser Foundation Research Institute	R01CA241409	-	112,001	-
Cancer Cause and Prevention Research	93.393		-	28,113	Mayo Clinic	U01CA195568	-	28,113	-
Cancer Cause and Prevention Research	93.393		-	45,615	Mayo Clinic College of Medicine, Minnesota	U01CA195568	-	45,615	-
Cancer Cause and Prevention Research	93.393		-	34,822	MD Anderson Cancer Center	R01CA207216	-	34,822	-
Cancer Cause and Prevention Research	93.393		-	93,784	New York University Medical Center	R01CA228135	-	93,784	-
Cancer Cause and Prevention Research	93.393		-	398,542	New York University Medical Center	P01CA229086	-	398,542	-
Cancer Cause and Prevention Research	93.393		-	210,252	New York University School of Medicine	P01CA229086	-	210,252	-
Cancer Cause and Prevention Research	93.393		-	21,494	Stanford University Medical Center	R01CA193694	-	21,494	-
Cancer Cause and Prevention Research	93.393		-	35,626	University of Florida	R01CA240341	-	35,626	-
Cancer Cause and Prevention Research	93.393		-	168,279	University of South Carolina	1R01CA215466-01A1	-	168,279	-
Cancer Cause and Prevention Research	93.393		-	27,555	University of Washington	R01CA244670	-	27,555	-
Cancer Detection and Diagnosis Research	93.394		3,076,585	-			-	3,076,585	318,864
Cancer Detection and Diagnosis Research	93.394		-	7,121	Broad Institute Inc	U24CA210978	-	7,121	-
Cancer Detection and Diagnosis Research	93.394		-	17,536	Eigen Health Services LLC d/b/a Eigen	R42CA224888	-	17,536	-
Cancer Detection and Diagnosis Research	93.394		-	(176)	Molecular Targeting Technologies, Inc.	R43CA224579	-	(176)	-
Cancer Detection and Diagnosis Research	93.394		-	152,697	Sloan Kettering Institute for Cancer Research	R01-CA243085	-	152,697	-
Cancer Detection and Diagnosis Research	93.394		-	117,656	Sloan Kettering Institute for Cancer Research	BD527151	-	117,656	-
Cancer Detection and Diagnosis Research	93.394		-	8,023	Sloan-Kettering Institute for Cancer Research	R21CA220144	-	8,023	-
Cancer Detection and Diagnosis Research	93.394		-	(339)	State University of New York at Stony Brook	R01CA195506	-	(339)	-
Cancer Detection and Diagnosis Research	93.394		-	55,643	Texas A&M University	R01CA230738	-	55,643	-
Cancer Detection and Diagnosis Research	93.394		-	33,436	University of Arkansas	5R21CA237984-02	-	33,436	-
Cancer Detection and Diagnosis Research	93.394		-	26,616	University of Maryland Baltimore	1R21CA255835-01	-	26,616	-
Cancer Detection and Diagnosis Research	93.394		-	4,121	University of Michigan	U24CA086368	-	4,121	-
Cancer Detection and Diagnosis Research	93.394		-	174,999	University of Nebraska Medical Center	U01CA210240	-	174,999	-
Cancer Detection and Diagnosis Research	93.394		-	19,184	University of Texas Health Science Center at San Antonio	U01CA086402	-	19,184	-
Cancer Detection and Diagnosis Research	93.394		-	16,854	University of Texas M.D. Anderson Cancer Center	R21CA239079	-	16,854	-
Cancer Treatment Research	93.395		7,035,818	-			-	7,035,818	772,814
COVID-19: Cancer Treatment Research	93.395		20,290	-			COVID-19	20,290	-
Cancer Treatment Research	93.395		-	9,782	Brigham and Women's Hospital Inc.	CALGB-T- CLINICAL TRIAL JCTO	-	9,782	-
Cancer Treatment Research	93.395		-	1,332	Brigham and Women's Hospital Inc.	DO NOT USE	-	1,332	-
Cancer Treatment Research	93.395		-	(78)	Children's Hospital of Philadelphia	U10CA180886	-	(78)	-
Cancer Treatment Research	93.395		-	73	Children's Hospital of Philadelphia	APEC14B1-01	-	73	-
Cancer Treatment Research	93.395		-	190,951	Dartmouth College	R01CA204228	-	190,951	-
Cancer Treatment Research	93.395		-	39,155	ECOG-ACRIN Cancer Research Group	CRG 183047-01	-	39,155	-
Cancer Treatment Research	93.395		-	653,374	EMMES Corporation	UM1CA121947	-	653,374	-
Cancer Treatment Research	93.395		-	60,122	Georgia Tech Research Corporation	R01CA238745	-	60,122	-
Cancer Treatment Research	93.395		-	35,099	Georgia Tech Research Corporation	R01CA247484	-	35,099	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University
Schedule of Expenditures of Federal Awards
Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Cancer Treatment Research	93.395		-	23,118	Johns Hopkins Medicine	R01CA235681	-	23,118	-
Cancer Treatment Research	93.395		-	74,341	Johns Hopkins University	U01CA231776	-	74,341	-
Cancer Treatment Research	93.395		-	111,224	Mayo Clinic	P01CA229100	-	111,224	-
Cancer Treatment Research	93.395		-	11,769	Medical College of Wisconsin	R01CA184798	-	11,769	-
Cancer Treatment Research	93.395		-	22,068	Memorial Sloan Kettering Cancer Center	P50CA192937	-	22,068	-
Cancer Treatment Research	93.395		-	7,878	Memorial Sloan Kettering Cancer Center	R01CA201250	-	7,878	-
Cancer Treatment Research	93.395		-	16,656	Memorial Sloan Kettering Cancer Center	R01CA233896	-	16,656	-
Cancer Treatment Research	93.395		-	(8)	NATL CHILDHOOD CANCER FNDN	NCCF 5U01 CA98543-10	-	(8)	-
Cancer Treatment Research	93.395		-	100,368	Sloan-Kettering Institute for Cancer Research	UG1CA233332	-	100,368	-
Cancer Treatment Research	93.395		-	15,391	The Children's Hospital of Philadelphia	U10CA180886	-	15,391	-
Cancer Treatment Research	93.395		-	45,506	THE EMMES CORPORATION	EMMES CORP 5U01 CA121947-0	-	45,506	-
Cancer Treatment Research	93.395		-	182,608	The George Washington University	1R01CA240529-01A1	-	182,608	-
Cancer Treatment Research	93.395		-	40,220	University of California, Los Angeles	UM1CA121947	-	40,220	-
Cancer Treatment Research	93.395		-	104,651	University of California, Los Angeles	5 UM1 CA121947-13	-	104,651	-
Cancer Treatment Research	93.395		-	60,670	University of Chicago	UCH U10 CA31946	-	60,670	-
Cancer Treatment Research	93.395		-	(72)	University of Chicago	UCCALGB #U10 CA37447	-	(72)	-
Cancer Treatment Research	93.395		-	30	UNIVERSITY OF CHICAGO: CALGO-ANCILL	UCH U10 CA31946	-	30	-
Cancer Treatment Research	93.395		-	14,737	University of Michigan	R01CA160467	-	14,737	-
Cancer Treatment Research	93.395		-	3,441	University of Rochester	R01CA214890	-	3,441	-
Cancer Treatment Research	93.395		-	138,048	University of Virginia	R01CA234478	-	138,048	-
Cancer Treatment Research	93.395		-	15,977	Vanderbilt University	5R01CA203991-06	-	15,977	-
Cancer Treatment Research	93.395		-	53,979	Wake Forest University Health Sciences	R21CA248106	-	53,979	-
Cancer Biology Research	93.396		11,839,077	-			-	11,839,077	1,030,154
Cancer Biology Research	93.396		-	223,830	Brigham and Women's Hospital	P01CA120964	-	223,830	-
Cancer Biology Research	93.396		-	92,665	Children's Hospital Los Angeles	R01CA207983	-	92,665	-
Cancer Biology Research	93.396		-	88,309	Cleveland Clinic Foundation	U01CA214300	-	88,309	-
Cancer Biology Research	93.396		-	22,290	Houston Methodist Research Institute	U01CA244107	-	22,290	-
Cancer Biology Research	93.396		-	147,107	MD Anderson Cancer Center	P01CA117969	-	147,107	-
Cancer Biology Research	93.396		-	192	Methodist Hospital Research Institute, Inc.	U01CA188388	-	192	-
Cancer Biology Research	93.396		-	385,738	New York University Medical Center	R01CA249054	-	385,738	-
Cancer Biology Research	93.396		-	62,472	Sloan-Kettering Institute for Cancer Research	R01CA228216	-	62,472	-
Cancer Biology Research	93.396		-	126,100	The Regents of the University of Michigan	U01CA210152	-	126,100	-
Cancer Biology Research	93.396		-	6,035	The University of Texas Southwestern Medical Center	7U01CA214300-05	-	6,035	-
Cancer Biology Research	93.396		-	625,070	University of California, San Diego	R01CA211794	-	625,070	-
Cancer Biology Research	93.396		-	14,594	University of Miami	R01CA245673	-	14,594	-
Cancer Biology Research	93.396		-	9,802	University of Pennsylvania	R01CA198089	-	9,802	-
Cancer Centers Support Grants	93.397		4,766,765	-			-	4,766,765	1,516,239
Cancer Centers Support Grants	93.397		-	111,531	Dana-Farber Cancer Institute	P20CA233255	-	111,531	-
Cancer Centers Support Grants	93.397		-	17,569	Dana-Farber Cancer Institute Inc	SU54CA193461-04	-	17,569	-
Cancer Centers Support Grants	93.397		-	67,446	Memorial Sloan Kettering Cancer Center	P50CA192937	-	67,446	-
Cancer Centers Support Grants	93.397		-	83,432	Memorial Sloan Kettering Cancer Center	P50CA247749	-	83,432	-
Cancer Centers Support Grants	93.397		-	120,895	Sloan Kettering Institute for Cancer Research	SU54CA199081-03	-	120,895	-
Cancer Centers Support Grants	93.397		-	3,240	Sloan Kettering Institute for Cancer Research	U54CA199081-03	-	3,240	-
Cancer Centers Support Grants	93.397		-	127,483	Sloan-Kettering Institute for Cancer Research	P50CA192937	-	127,483	-
Cancer Centers Support Grants	93.397		-	19,739	Sloan-Kettering Institute for Cancer Research	P50CA221745	-	19,739	-
Cancer Research Manpower	93.398		3,731,092	-			-	3,731,092	25,085
Cancer Research Manpower	93.398		-	9,743	H. Lee Moffitt Cancer Center & Research Institute	R25CA142519	-	9,743	-
Cancer Control	93.399		714,621	-			-	714,621	480,372

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Cardiovascular Diseases Research	93.837		10,430,349	-			-	10,430,349	1,006,960
Cardiovascular Diseases Research	93.837		-	123,426	Albert Einstein College of Medicine, Yeshiva Univ.	U01AI035004	-	123,426	-
Cardiovascular Diseases Research	93.837		-	51,561	Beth Israel Deaconess Medical Center, Inc.	R01HL154744	-	51,561	-
Cardiovascular Diseases Research	93.837		-	13,076	Brigham and Women's Hospital	U01HL130163	-	13,076	-
Cardiovascular Diseases Research	93.837		-	24,968	Brigham and Women's Hospital	U01HL123336	-	24,968	-
Cardiovascular Diseases Research	93.837		-	212,293	Columbia University	R01HL146149	-	212,293	-
Cardiovascular Diseases Research	93.837		-	1,539	Duke University	U01HL125511	-	1,539	-
Cardiovascular Diseases Research	93.837		-	68,886	Icahn School of Medicine at Mount Sinai	U01HL136297	-	68,886	-
Cardiovascular Diseases Research	93.837		-	(10,136)	ICON Clinical Research	ICON #1 U01 HL117006-01A1	-	(10,136)	-
Cardiovascular Diseases Research	93.837		-	23,297	Massachusetts General Hospital	U01HL123336	-	23,297	-
Cardiovascular Diseases Research	93.837		-	68	Mount Sinai School of Medicine	U01HL136297	-	68	-
Cardiovascular Diseases Research	93.837		-	8,000	NorthShore University Health System	R01HL430093	-	8,000	-
Cardiovascular Diseases Research	93.837		-	153,159	Research Foundation of CUNY	T32HL135465	-	153,159	-
Cardiovascular Diseases Research	93.837		-	19,993	Research Triangle Institute Global Inc	1R01HL149352-01	-	19,993	-
Cardiovascular Diseases Research	93.837		-	98,703	Seattle Children's Hospital	R01HL130996	-	98,703	-
Cardiovascular Diseases Research	93.837		-	231,749	State University of New York Stony Brook	7R01HL140562-03	-	231,749	-
Cardiovascular Diseases Research	93.837		-	23,543	University of Alabama-Birmingham	U01HL120338	-	23,543	-
Cardiovascular Diseases Research	93.837		-	69,669	University of Alabama-Birmingham	UH2HL130691	-	69,669	-
Cardiovascular Diseases Research	93.837		-	48,133	Vanderbilt University Medical Center	R01HL149948	-	48,133	-
Cardiovascular Diseases Research	93.837		-	14,750	Yale University	U01HL125511	-	14,750	-
Lung Diseases Research	93.838		5,639,239	-			-	5,639,239	1,846,951
Lung Diseases Research	93.838		-	(6,527)	Allegheny Singer Research Institute	R01HL134673	-	(6,527)	-
Lung Diseases Research	93.838		-	579,696	Cleveland Clinic Lerner College of Medicine	4 U01 HL125177-06	-	579,696	-
Lung Diseases Research	93.838		-	4,806	Columbia University	U01HL125218	-	4,806	-
Lung Diseases Research	93.838		-	30,859	Columbia University	R01HL093081	-	30,859	-
Lung Diseases Research	93.838		-	6,279	Columbia University Medical Center	R01HL155576	-	6,279	-
Lung Diseases Research	93.838		-	27,551	COPD Foundation, Inc.	U01HL128954	-	27,551	-
Lung Diseases Research	93.838		-	39,928	University of California, San Francisco	U01HL137880	-	39,928	-
Lung Diseases Research	93.838		-	26,999	University of Pittsburgh	5R01HL136494-03	-	26,999	-
Lung Diseases Research	93.838		-	13,223	University of Pittsburgh	U01HL128954	-	13,223	-
Lung Diseases Research	93.838		-	74,512	University of Virginia	R01HL131565	-	74,512	-
Blood Diseases and Resources Research	93.839		1,972,066	-			-	1,972,066	368,124
Blood Diseases and Resources Research	93.839		-	272	All Children's Research Institute, Inc.	U01HL130048	-	272	-
Blood Diseases and Resources Research	93.839		-	62,912	Columbia University	R01HL139489	-	62,912	-
Blood Diseases and Resources Research	93.839		-	21,820	Indiana University	R01HL131093	-	21,820	-
Blood Diseases and Resources Research	93.839		-	67,976	University of Vermont	4R33HL141787-03	-	67,976	-
Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840		701,635	-			-	701,635	416,987
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		6,524,589	-			-	6,524,589	1,155,281
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		-	20,079	Hospital for Special Surgery	U01AR069869	-	20,079	-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		-	158,953	Hydro-Gen LLC	2R44AR067533-02A1 REVISED	-	158,953	-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		-	5,496	Northwestern University	R01AR078342	-	5,496	-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		-	10,857	Trustees of Indiana University	5R01AR074473-03	-	10,857	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		19,877,048	-			-	19,877,048	1,543,787
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	15,390	Brigham and Women's Hospital	R01DK108438	-	15,390	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	283,334	Case Western Reserve University	U01DK094157	-	283,334	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	6,999	Case Western Reserve University	DP3114812	-	6,999	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	192,042	Fred Hutchinson Cancer Research Center	RC2DK114777	-	192,042	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	58,045	Jackson Laboratory	R01DK117137	-	58,045	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	12,123	Massachusetts General Hospital	1R56DK122593-01	-	12,123	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	100,906	Mount Sinai School of Medicine	U01DK116100	-	100,906	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	22,965	Temple University	R01DK122073	-	22,965	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	832	The Regents of the University of California on behalf of its Davis Campus	7R56DK124853-02	-	832	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	30,527	The Regents of the University of California, San Francisco	F32DK122627	-	30,527	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	16,155	The Trustees of Columbia University in the City of New York	1R01DK127778-01	-	16,155	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	(7,752)	University of Alabama at Birmingham	1R01DK118939-01A1	-	(7,752)	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	194,911	University of Chicago	R01DK124906	-	194,911	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	48,387	University of Chicago	7 R01 DK060581-18	-	48,387	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	258,257	University of Colorado Boulder	5R01DK119594-03	-	258,257	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	34,613	University of Massachusetts Medical School	5R21DK113353	-	34,613	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	61,229	University of North Carolina Chapel Hill	5P01DK094779-07	-	61,229	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	10,449	Yale University	R01DK117650	-	10,449	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		28,281,302	-			-	28,281,302	4,099,075
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	(28)	Albert Einstein College of Medicine, Yeshiva Univ.	K12NS080223	-	(28)	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	20,001	Children's Hospital of Philadelphia	U54NS115052	-	20,001	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	40,942	Cleveland Clinic Health System	UH3NS100543	-	40,942	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	74,541	Columbia University	U01NS095869	-	74,541	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	17,017	Columbia University	U24NS107168	-	17,017	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	21,511	Columbia University	R01NS101663	-	21,511	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	111,330	Columbia University	U24NS107237	-	111,330	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	65,402	Drexel University College of Medicine	R01NS111767	-	65,402	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	33,900	Drexel University College of Medicine	R01NS097147	-	33,900	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	7,805	HARVARD MEDICAL SCHOOL	U01NS082329	-	7,805	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	159,737	Harvard University	R01NS104143	-	159,737	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	155,178	Icahn School of Medicine at Mount Sinai	R01NS120477	-	155,178	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	-	Johns Hopkins University	U01NS080824	-	-	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	40,218	Kennedy Krieger Institute	K12NS098482	-	40,218	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	135,830	Massachusetts General Hospital	R01NS110575	-	135,830	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	10,089	Massachusetts General Hospital	U01NS114001	-	10,089	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	1,102	Mayo Clinic Jacksonville	R01NS097876	-	1,102	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	14,668	Mayo Clinic Jacksonville	U01NS080168	-	14,668	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	35,291	Memorial Sloan Kettering Cancer Center	R01NS116353	-	35,291	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	35,269	Mount Sinai Medical Center	R21NS109913	-	35,269	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	118,626	New York University School of Medicine	R01NS102904	-	118,626	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	180,500	Rochefeller University	R01NS097184	-	180,500	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	138,229	Sloan-Kettering Institute for Cancer Research	R01NS099270	-	138,229	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	4,193	The President and Fellows of Harvard College	5U19NS104653-03	-	4,193	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	256,228	The Wistar Institute	R01NS117458	-	256,228	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	18,912	Trustees of Boston College	R01NS040237	-	18,912	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	330,438	Trustees of Boston University	5R01NS108472-03	-	330,438	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	135	University of Cincinnati	U01NS106513	-	135	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	12,089	University of Iowa	R01NS114405	-	12,089	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	263,030	University of Michigan	U54NS117170	-	263,030	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	2,653	University Of Nevada Reno	1R01NS117686-01	-	2,653	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	97,996	University of Pittsburgh	5R01NS032385-25	-	97,996	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	18,674	University of Pittsburgh	1R21NS115023-02	-	18,674	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	113,826	Wake Forest University Health Sciences	R01NS114653	-	113,826	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	-	Washington University	R01NS092653	-	-	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	153,421	Winifred Masterson Burke Medical Research Institute Inc	5R01NS099568-02	-	153,421	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	172,778	Yale University	R01NS102267	-	172,778	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	14,192	Yale University	U01NS106513	-	14,192	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	21,538	Yale University	UG3NS 112826	-	21,538	-
Allergy and Infectious Diseases Research	93.855		55,454,301	-			-	55,454,301	13,494,530
COVID-19: Allergy and Infectious Diseases Research	93.855		1,637,253	-			COVID-19	1,637,253	491,142
Allergy and Infectious Diseases Research	93.855		-	31,685	Beth Israel Deaconess Medical Center, Inc.	UM1AI126603	-	31,685	-
Allergy and Infectious Diseases Research	93.855		-	5,954	Brigham and Women's Hospital	UM1AI068636	-	5,954	-
Allergy and Infectious Diseases Research	93.855		-	-	Brigham and Women's Hospital	R01AI131998	-	-	-
Allergy and Infectious Diseases Research	93.855		-	27,675	Brigham and Women's Hospital	R01AI134842	-	27,675	-
Allergy and Infectious Diseases Research	93.855		-	59,418	Columbia University	75N92019D00037	-	59,418	-
Allergy and Infectious Diseases Research	93.855		-	127,029	Duke University	UM1AI104681	-	127,029	-
Allergy and Infectious Diseases Research	93.855		-	102,188	Duke University	R01AI125416	-	102,188	-
Allergy and Infectious Diseases Research	93.855		-	9,224	Duke University	5 U19 AI056363-10 (SCHERL)	-	9,224	-
Allergy and Infectious Diseases Research	93.855		-	196,033	Emory University	U19AI110483	-	196,033	-
Allergy and Infectious Diseases Research	93.855		-	140,519	FHI 360	UM1AI068619	-	140,519	105,554
COVID-19: Allergy and Infectious Diseases Research	93.855		-	1,347,943	FHI 360	UM1AI068619	COVID-19	1,347,943	15,133
Allergy and Infectious Diseases Research	93.855		-	617,699	FHI 360	5 UMI AI068619-15	-	617,699	398,644
Allergy and Infectious Diseases Research	93.855		-	(39)	Fred Hutchinson Cancer Research Center	5U54CA163438-04 (NCI)	-	(39)	-
Allergy and Infectious Diseases Research	93.855		-	41,999	George Washington University	R56AI145683	-	41,999	-
Allergy and Infectious Diseases Research	93.855		-	71,246	George Washington University	R33AI136102	-	71,246	-
Allergy and Infectious Diseases Research	93.855		-	40,804	Georgia Institute of Technology	R01AI132728	-	40,804	-
Allergy and Infectious Diseases Research	93.855		-	336,895	GHEKIO Centers	UM1AI069421	-	336,895	-
Allergy and Infectious Diseases Research	93.855		-	6,972	Jackson Laboratory	R01AI142086	-	6,972	-
Allergy and Infectious Diseases Research	93.855		-	15,243	Johns Hopkins University	UM1AI068632	-	15,243	-
Allergy and Infectious Diseases Research	93.855		-	2,749	Massachusetts General Hospital	R01AI123001	-	2,749	-
Allergy and Infectious Diseases Research	93.855		-	13,691	McGill University	R01AI124349	-	13,691	-
Allergy and Infectious Diseases Research	93.855		-	48,484	Medical College of Wisconsin	U01AI138331	-	48,484	-
Allergy and Infectious Diseases Research	93.855		-	39,996	Princeton University	R01AI107301	-	39,996	-
Allergy and Infectious Diseases Research	93.855		-	189,825	Regents of the University of Minnesota	R01AI136445	-	189,825	-
Allergy and Infectious Diseases Research	93.855		-	195,959	Regents of the University of Minnesota	R01AI143784	-	195,959	-
Allergy and Infectious Diseases Research	93.855		-	284,340	Rockefeller University	U01AI145921	-	284,340	-
Allergy and Infectious Diseases Research	93.855		-	62,126	Rockefeller University	R01AI143295	-	62,126	-
Allergy and Infectious Diseases Research	93.855		-	5,411	Rutgers University	U19AI111276	-	5,411	-
Allergy and Infectious Diseases Research	93.855		-	66,433	Rutgers University	R01AI147345	-	66,433	-
Allergy and Infectious Diseases Research	93.855		-	179,176	Rutgers University	R01AI151599	-	179,176	-
Allergy and Infectious Diseases Research	93.855		-	147,339	Seattle Biomedical Research Institute	U19AI135976	-	147,339	-
Allergy and Infectious Diseases Research	93.855		-	64,089	Texas A&M University	R21AI121689	-	64,089	-
Allergy and Infectious Diseases Research	93.855		-	76,385	The Regents of the University of California	UM1AI068636	-	76,385	-
Allergy and Infectious Diseases Research	93.855		-	8,688	The Research Institute at Nationwide Children's Hospital	U01AI131386	-	8,688	-
Allergy and Infectious Diseases Research	93.855		-	122,074	The Trustees of Columbia University in the City of New York	R01AI119762	-	122,074	-
Allergy and Infectious Diseases Research	93.855		-	32,447	Tufts University	R21AI145272	-	32,447	-
Allergy and Infectious Diseases Research	93.855		-	(891)	University at Buffalo	R01AI111990	-	(891)	-
Allergy and Infectious Diseases Research	93.855		-	10,133	University of California	R21AI142506	-	10,133	-
Allergy and Infectious Diseases Research	93.855		-	471,648	University of California, Los Angeles	UM1AI068636	-	471,648	-
Allergy and Infectious Diseases Research	93.855		-	55,256	University of Kansas	R01AI139154	-	55,256	-
Allergy and Infectious Diseases Research	93.855		-	162,932	University of Maryland	R01AI134696	-	162,932	-
Allergy and Infectious Diseases Research	93.855		-	(6,680)	University of Maryland College Park	IR01AI142400-01A1	-	(6,680)	-
Allergy and Infectious Diseases Research	93.855		-	7,809	University of Miami	R01AI142669	-	7,809	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Allergy and Infectious Diseases Research	93.855		-	(2,204)	University of Michigan	R01AI119446	-	(2,204)	-
Allergy and Infectious Diseases Research	93.855		-	62,478	University of Pittsburgh	U01AI31285	-	62,478	-
Allergy and Infectious Diseases Research	93.855		-	309,556	University of Pittsburgh	R01AI143788	-	309,556	-
Allergy and Infectious Diseases Research	93.855		-	222,915	University of Pittsburgh	R01AI142662	-	222,915	-
Allergy and Infectious Diseases Research	93.855		-	149,614	University of Rochester	P01AI102851-07	-	149,614	-
Allergy and Infectious Diseases Research	93.855		-	125,862	University of Rochester	5P01AI102851-07	-	125,862	-
Allergy and Infectious Diseases Research	93.855		-	24,986	University of Washington	5R01AI130379-04	-	24,986	-
Allergy and Infectious Diseases Research	93.855		-	9,519	University of Wisconsin	P01AI132132	-	9,519	-
Allergy and Infectious Diseases Research	93.855		-	43,290	Vanderbilt University	U01AI069923	-	43,290	18,921
Allergy and Infectious Diseases Research	93.855		-	16,177	Vanderbilt University Medical Center	U01AI069923	-	16,177	16,177
Allergy and Infectious Diseases Research	93.855		-	112,069	Venatorx Pharmaceuticals, Inc.	1R01AI136805	-	112,069	-
Allergy and Infectious Diseases Research	93.855		-	104,026	Washington University	U01AI095542	-	104,026	-
Biomedical Research and Research Training	93.859		47,272,831	-			-	47,272,831	1,079,426
Biomedical Research and Research Training	93.859		-	6,314	Board of Regents University of Nebraska Lincoln	5R01GM124310-03	-	6,314	-
					Board of Supervisors of Louisiana State University and Agricultural and Mechanical College acting on behalf of Louisiana State University Health S...				
Biomedical Research and Research Training	93.859		-	93,063	Dana-Farber Cancer Institute Inc	1R01GM136874-01	-	93,063	-
Biomedical Research and Research Training	93.859		-	48,357	New York University School of Medicine	1R01GM130885-03	-	48,357	-
Biomedical Research and Research Training	93.859		-	9,822	Oklahoma Medical Research Foundation	R01GM121994	-	9,822	-
Biomedical Research and Research Training	93.859		-	10,222	Pennsylvania State University	5R01GM121703-04	-	10,222	-
Biomedical Research and Research Training	93.859		-	84,468	Sloan-Kettering Institute for Cancer Research	1R01GM125722-01	-	84,468	-
Biomedical Research and Research Training	93.859		-	53	The Johns Hopkins University	R01GM052470	-	53	-
Biomedical Research and Research Training	93.859		-	257,759	University of Arizona	R01GM127578	-	257,759	-
Biomedical Research and Research Training	93.859		-	90,701	University of Colorado Denver	5R01GM116113-04	-	90,701	-
Biomedical Research and Research Training	93.859		-	80,057	University of North Carolina at Chapel Hill	R01GM135604	-	80,057	-
Biomedical Research and Research Training	93.859		-	77,747	Yale University	R01GM130934	-	77,747	-
Biomedical Research and Research Training	93.859		-	7,948		R01GM137411	-	7,948	-
Child Health and Human Development Extramural Research	93.865		11,571,822	-			-	11,571,822	2,247,792
Child Health and Human Development Extramural Research	93.865		-	43,448	Baylor College of Medicine	P01HD087157	-	43,448	-
Child Health and Human Development Extramural Research	93.865		-	60,170	Baylor College of Medicine	R01HD083809	-	60,170	-
Child Health and Human Development Extramural Research	93.865		-	10,846	Baylor College of Medicine	R01HD095341	-	10,846	-
Child Health and Human Development Extramural Research	93.865		-	244,702	Children's Hospital of Philadelphia	R01HD0911585	-	244,702	-
Child Health and Human Development Extramural Research	93.865		-	195,179	Children's Research Institute	R01HD099284	-	195,179	-
Child Health and Human Development Extramural Research	93.865		-	17,657	Columbia University	R01HD094793	-	17,657	-
Child Health and Human Development Extramural Research	93.865		-	626	Florida International University	5R01HD094803-02	-	626	-
Child Health and Human Development Extramural Research	93.865		-	105,071	Georgetown University	K12HD093427	-	105,071	-
Child Health and Human Development Extramural Research	93.865		-	102,919	Magee-Womens Research Institute (MWRI)	P50HD096723	-	102,919	-
Child Health and Human Development Extramural Research	93.865		-	432,525	Magee-Womens Research Institute And Foundation	5P50HD096723-03	-	432,525	-
Child Health and Human Development Extramural Research	93.865		-	22,719	Oklahoma State University	R01HD074579	-	22,719	-
Child Health and Human Development Extramural Research	93.865		-	26,920	The University of Texas Medical Branch at Galveston	5P2CHD065702-10	-	26,920	-
Child Health and Human Development Extramural Research	93.865		-	40,669	University of California, San Francisco	R01HD093012	-	40,669	-
Child Health and Human Development Extramural Research	93.865		-	36,224	University of Massachusetts Medical School	1R01HD099072-01	-	36,224	-
Child Health and Human Development Extramural Research	93.865		-	92,687	University of Michigan	R01HD088506-05	-	92,687	-
Aging Research	93.866		19,024,059	-			-	19,024,059	2,686,479
COVID-19: Aging Research	93.866		109,430	-			COVID-19	109,430	-
Aging Research	93.866		-	104,914	Albert Einstein College of Medicine Inc	5P01AG017242-26	-	104,914	-
Aging Research	93.866		-	323,746	Albert Einstein College of Medicine, Yeshiva Univ.	P01AG031782	-	323,746	-
Aging Research	93.866		-	90,801	Arizona State University	R01AG061835	-	90,801	-
Aging Research	93.866		-	101,282	Arizona State University	U01AG061835	-	101,282	-
Aging Research	93.866		-	5,047	Brigham and Women's Hospital	R01AG054366	-	5,047	-
Aging Research	93.866		-	18,217	Columbia University	R01AG062624	-	18,217	-

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Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Aging Research	93.866		-	33,119	Columbia University	R01AG055299	-	33,119	-
Aging Research	93.866		-	78,081	Columbia University	R01AG026158	-	78,081	-
Aging Research	93.866		-	137,031	Columbia University	R01AG055422	-	137,031	-
Aging Research	93.866		-	71,406	Columbia University	RF1AG038465	-	71,406	-
Aging Research	93.866		-	18,498	Columbia University	P30AG059303	-	18,498	-
Aging Research	93.866		-	4,000	Duke University	5R24-AG065172-02	-	4,000	-
Aging Research	93.866		-	233,674	Duke University	U19AG063744	-	233,674	-
Aging Research	93.866		-	6,556	Duke University	U19AG065188	-	6,556	-
Aging Research	93.866		-	10,386	Emory University	U54AG062334	-	10,386	-
Aging Research	93.866		-	300,075	Hebrew Home at Riverdale	R01AG057389	-	300,075	-
Aging Research	93.866		-	3,989	Hebrew Home for the Aged	R01AG057389	-	3,989	-
Aging Research	93.866		-	145	I-Function, Inc.	R43AG05738	-	145	-
Aging Research	93.866		-	43,092	Louisiana State University and Agricultural & Mechanical College	1R21AG066119-01	-	43,092	-
Aging Research	93.866		-	25,134	National Opinion Research Center	5R01AG050605-02	-	25,134	-
Aging Research	93.866		-	4,978	New York University	R01AG056624	-	4,978	-
Aging Research	93.866		-	1,868	New York University Medical Center	R56AG058913	-	1,868	-
Aging Research	93.866		-	11,418	New York University School of Medicine	R21AG061579	-	11,418	-
Aging Research	93.866		-	25,196	New York University School of Medicine	P30AG066512	-	25,196	-
Aging Research	93.866		-	31,658	Rutgers University	R01AG052286	-	31,658	-
Aging Research	93.866		-	203,432	Sloan-Kettering Institute for Cancer Research	R01AG054720	-	203,432	-
Aging Research	93.866		-	67,106	Syracuse University	P30AG066583	-	67,106	-
Aging Research	93.866		-	10,289	Syracuse University	2R24AG045061-06	-	10,289	-
Aging Research	93.866		-	24,200	The Regents of the University of California on behalf of its Los Angeles Campus	5R01AG059815-02	-	24,200	-
Aging Research	93.866		-	1,874	The Research Foundation for the State University of New York Binghamton	R21AG052860	-	1,874	-
Aging Research	93.866		-	723,576	University of Arizona	P01AG026572	-	723,576	-
Aging Research	93.866		-	425,708	University of Arizona	R01AG057931	-	425,708	-
Aging Research	93.866		-	43,983	University of California, Berkeley	R01AG064778	-	43,983	-
Aging Research	93.866		-	12,446	University of California, Los Angeles	R01AG054366	-	12,446	-
Aging Research	93.866		-	255,917	University of California, San Francisco	R01AG057497	-	255,917	-
Aging Research	93.866		-	120,280	University Of Houston	R01AG062987	-	120,280	-
Aging Research	93.866		-	26,027	University of Pennsylvania	R01AG070944	-	26,027	-
Aging Research	93.866		-	200,897	University of Pittsburgh	R01AG055511	-	200,897	-
Aging Research	93.866		-	19,574	University of Southern California	5P30AG043073-08	-	19,574	-
Aging Research	93.866		-	23,997	University Of Toronto	5R01AG060080-02	-	23,997	-
Aging Research	93.866		-	73,609	University Of Toronto	R01AG060080	-	73,609	-
Aging Research	93.866		-	179,614	University of Washington	5U19AG057377-03	-	179,614	-
Aging Research	93.866		-	56,530	Wake Forest University Health Sciences	5U24AG058556-03	-	56,530	-
Aging Research	93.866		-	726,897	Winifred Masterson Burke Medical Research	P01AG014930	-	726,897	110,000
Aging Research	93.866		-	77,711	Winifred Masterson Burke Medical Research Institute Inc	5P01AG014930-19	-	77,711	-
Vision Research	93.867		2,643,953	-			-	2,643,953	323,114
Vision Research	93.867		-	260	New York University School of Medicine	1 U01 EY026869-01	-	260	-
Vision Research	93.867		-	43,030	University of Rochester	R01EY018363	-	43,030	-
Medical Library Assistance	93.879		827,884	-			-	827,884	49,187
Medical Library Assistance	93.879		-	7,393	Stanford University	R01LM012966	-	7,393	-
Medical Library Assistance	93.879		-	16,559	University of Pittsburgh	UG4LM012342	-	16,559	-
Medical Library Assistance	93.879		-	4,708	Vanderbilt University Medical Center	R01LM012964	-	4,708	-
Medical Library Assistance	93.879		-	33,879	Washington University in St. Louis	1R01LM013096-01A1	-	33,879	-

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Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
International Research and Research Training	93.989		176,999	-			-	176,999	58,087
International Research and Research Training	93.989		-	130,312	GHESKIO Centers	D43TW011295	-	130,312	-
International Research and Research Training	93.989		-	1,527	Kilimanjaro Christian College	D43TW010138	-	1,527	-
International Research and Research Training	93.989		-	46,567	Vanderbilt University	R25TW009337	-	46,567	45,540
International Research and Research Training	93.989		-	44,665	Vanderbilt University Medical Center	D43TW009337	-	44,665	7,650
<i>National Institutes Of Health Subtotal</i>			<u>302,400,349</u>	<u>36,680,866</u>				<u>339,081,215</u>	<u>42,964,686</u>
<i>Office Of Assistant Secretary For Health</i>									
Teenage Pregnancy Prevention Program	93.297		-	4	Oswego County Opportunities Inc	1 TP1AH000086-01-00	-	4	-
Department of Health and Human Services Total			<u>309,715,984</u>	<u>39,758,070</u>				<u>349,474,054</u>	<u>45,854,933</u>
Federal Emergency Management Agency									
Cooperating Technical Partners	97.045		33,410	-			-	33,410	-
Federal Emergency Management Agency Total			<u>33,410</u>	<u>-</u>				<u>33,410</u>	<u>-</u>
Agency For International Development									
Agency for International Development, Other	98.RD	7200AA18C00070	-	425,438	JSI Research & Training Institute Inc	7200AA18C00070	-	425,438	-
COVID-19: Agency for International Development, Other	98.RD	7200AA19LE00003	-	250,002	Purdue University	7200AA19LE00003	COVID-19	250,002	-
USAID Foreign Assistance for Programs Overseas	98.001		4,635,865	-			-	4,635,865	2,548,132
USAID Foreign Assistance for Programs Overseas	98.001		-	70,246	Catholic Relief Services Inc	72DFFP19CA00006	-	70,246	-
USAID Foreign Assistance for Programs Overseas	98.001		-	25,258	Centro Internacional de Mejoramiento de Maiz y Trigo	SIP-2020-018	-	25,258	-
USAID Foreign Assistance for Programs Overseas	98.001		-	18,643	Global Alliance for Improved Nutrition	202046080	-	18,643	-
USAID Foreign Assistance for Programs Overseas	98.001		-	368	Kansas State University	AID-OAA-LA-16-00003	-	368	-
USAID Foreign Assistance for Programs Overseas	98.001		-	92,651	Michigan State University	7200AA19LE00001	-	92,651	-
USAID Foreign Assistance for Programs Overseas	98.001		-	279,731	Purdue University	7200AA19LE00003	-	279,731	-
USAID Foreign Assistance for Programs Overseas	98.001		-	132,228	The Regents of the University of California on behalf of its Davis Campus	7200AA19LE00004	-	132,228	117,978
USAID Foreign Assistance for Programs Overseas	98.001		-	41,566	Tufts University	7200AA18CA00044	-	41,566	-
Agency For International Development Total			<u>4,635,865</u>	<u>1,336,131</u>				<u>5,971,996</u>	<u>2,666,110</u>
Research and Development Cluster Total			<u>512,466,543</u>	<u>75,743,156</u>				<u>588,209,699</u>	<u>80,681,398</u>
Highway Planning and Construction Cluster									
Department of Transportation									
<i>Federal Highway Administration</i>									
Highway Planning and Construction	20.205		-	372,093	New York State Department of Transportation	C037911	-	372,093	-
Highway Planning and Construction	20.205		-	19,204	Rutgers The State University of New Jersey	PN22018	-	19,204	-
Highway Planning and Construction	20.205		-	9,415	The Research Foundation for the State University of New York College of Environmental Science and Forestry	-	-	9,415	-
Highway Planning and Construction	20.205		-	196,780	The Research Foundation of the City University of New York	C030793	-	196,780	15,558
Highway Planning and Construction	20.205		-	50,494	The Research Foundation of the City University of New York	C030794 & DTRT13-G-UTC32	-	50,494	-
Highway Planning and Construction Cluster Total			<u>-</u>	<u>647,986</u>				<u>647,986</u>	<u>15,558</u>
TRIO Cluster									
Department of Education									
<i>Office Of Postsecondary Education</i>									
TRIO Upward Bound	84.047		563,739	-			-	563,739	-
TRIO McNair Post-Baccalaureate Achievement	84.217		226,621	-			-	226,621	-
TRIO Cluster			<u>790,360</u>	<u>-</u>				<u>790,360</u>	<u>-</u>

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Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
CCDF Cluster									
Department of Health and Human Services									
<i>Administration For Children And Families</i>									
Child Care and Development Block Grant	93.575		37,276	-			-	37,276	-
CCDF Cluster Total			<u>37,276</u>	<u>-</u>				<u>37,276</u>	<u>-</u>
477 Cluster									
Department of Health and Human Services									
<i>Administration For Children And Families</i>									
Temporary Assistance for Needy Families	93.558		-	176,497	New York State Office of Children and Family Services	C027777	-	176,497	-
477 Cluster Total			<u>-</u>	<u>176,497</u>				<u>176,497</u>	<u>-</u>
Other Awards									
Department of Agriculture									
<i>Agricultural Marketing Service</i>									
Market Protection and Promotion	10.163		1,067,430	-			-	1,067,430	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	11,527	New York Farm Viability Institute Inc	AM180100XXXXG036	-	11,527	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	13,912	New York State Department of Agriculture and Markets	AM180100XXXXG036	-	13,912	1,616
			<u>-</u>	<u>25,439</u>				<u>25,439</u>	<u>1,616</u>
Wholesale Farmers and Alternative Market Development	10.164		55,911	-			-	55,911	16,450
Acer Access Development Program	10.174		273,938	-			-	273,938	-
Farmers Market and Local Food Promotion Program	10.175		-	5,586	Cornell Cooperative Extension Essex County	AM200100XXXXG142	-	5,586	-
<i>Agricultural Marketing Service Subtotal</i>			<u>1,397,279</u>	<u>31,025</u>				<u>1,428,304</u>	<u>18,066</u>
<i>Animal And Plant Health Inspection Service</i>									
Plant and Animal Disease, Pest Control, and Animal Care	10.025		392,224	-			-	392,224	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	38,794	New York State Department of Agriculture and Markets		-	38,794	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	9,860	New York State Department of Agriculture and Markets	AP20PPQF0000C267	-	9,860	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	23,283	New York State Department of Agriculture and Markets	AP20PPQF0000C289	-	23,283	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	18,036	New York State Department of Agriculture and Markets	AP20PPQF0000C486	-	18,036	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	106,884	New York State Department of Agriculture and Markets	AP20VSSPRS00C034	-	106,884	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	52,817	New York State Department of Agriculture and Markets	AP20PPQF0000C266	-	52,817	-
<i>Animal And Plant Health Inspection Service Subtotal</i>			<u>392,224</u>	<u>249,674</u>				<u>641,898</u>	<u>-</u>
<i>Department Of Agriculture</i>									
Crop Insurance Education in Targeted States	10.458		26,009	-			-	26,009	-
<i>Food And Nutrition Service</i>									
WIC Farmers' Market Nutrition Program (FMNP)	10.572		-	31,166	New York State Department of Agriculture and Markets	T200890	-	31,166	-
WIC Farmers' Market Nutrition Program (FMNP)	10.572		-	49,999	New York State Department of Agriculture and Markets	T200891	-	49,999	-
WIC Farmers' Market Nutrition Program (FMNP)	10.572		-	10,000	New York State Department of Agriculture and Markets	L0A0430	-	10,000	-
<i>Food And Nutrition Service Subtotal</i>			<u>-</u>	<u>91,165</u>				<u>91,165</u>	<u>-</u>
<i>Foreign Agricultural Service</i>									
Technical Agricultural Assistance	10.960		67,283	-			-	67,283	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>National Agricultural Statistics Service</i>									
Agricultural Statistics Reports	10.950		211,362	-			-	211,362	-
<i>National Institute Of Food And Agriculture</i>									
Grants for Agricultural Research, Special Research Grants	10.200		-	(189)	Auburn University	2015-48770-24368	-	(189)	-
Grants for Agricultural Research, Special Research Grants	10.200		-	6,210	University of Maryland Eastern Shore	2020-34383-32456	-	6,210	-
			-	6,021				6,021	-
Sustainable Agriculture Research and Education	10.215		-	1,688	American Farmland Trust	2017-38640-26915	-	1,688	-
Sustainable Agriculture Research and Education	10.215		-	5,121	Providence Farm Collective	2019-38640-29877	-	5,121	-
Sustainable Agriculture Research and Education	10.215		-	3,463	University of Maine	2018-38640-28415	-	3,463	-
Sustainable Agriculture Research and Education	10.215		-	16,349	University of Vermont	2019-38640-29877	-	16,349	-
Sustainable Agriculture Research and Education	10.215		-	46,856	University of Vermont	2018-38640-28415	-	46,856	-
Sustainable Agriculture Research and Education	10.215		-	37,924	University of Vermont	2020-38640-31520	-	37,924	-
			-	111,401				111,401	-
Higher Education - Institution Challenge Grants Program	10.217		51,760	-			-	51,760	37,890
Higher Education - Institution Challenge Grants Program	10.217		-	112,201	The Research Foundation for the State University of New York Cobleskill	2018-70003-27657	-	112,201	-
			51,760	112,201				163,961	37,890
Homeland Security Agricultural	10.304		59,485	-			-	59,485	-
Agriculture and Food Research Initiative (AFRI)	10.310		38,781	-			-	38,781	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	(605)	Kansas State University	2017-67007-25932	-	(605)	-
			38,781	(605)				38,176	-
Beginning Farmer and Rancher Development Program	10.311		81,912	-			-	81,912	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		107,313	-			-	107,313	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		-	3,122	University of Vermont	2018-70020-28878	-	3,122	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		-	11,141	University of Vermont	2020-70020-32264	-	11,141	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		-	18,265	University of Vermont	2020-70020-33003	-	18,265	-
			107,313	32,528				139,841	-
Crop Protection and Pest Management Competitive Grants Program	10.329		300,381	-			-	300,381	-
Veterinary Services Grant Program	10.336		-	2,921	Michigan State University	2018-70024-28817	-	2,921	-
Cooperative Extension Service	10.500		150,610	-			-	150,610	136,454
Cooperative Extension Service	10.500		-	68,028	Auburn University	2019-48770-30366	-	68,028	-
Cooperative Extension Service	10.500		-	93,765	University of Delaware	2018-70027-28588	-	93,765	-
			150,610	161,793				312,403	136,454
Smith-Lever Funding (Various Programs)	10.511		10,716,816	-			-	10,716,816	-
Renewable Resources Extension Act and National Focus Fund Projects	10.515		62,709	-			-	62,709	-
Expanded Food and Nutrition Education Program	10.514		3,372,302	-			-	3,372,302	-
<i>National Institute Of Food And Agriculture Subtotal</i>			14,942,069	426,260				15,368,329	174,344

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Natural Resources Conservation Service</i>									
Soil and Water Conservation	10.902		47,697	-			-	47,697	-
<i>Rural Business Cooperative Service</i>									
Rural Energy for America Program	10.868		76,525	-			-	76,525	-
<i>Rural Utilities Service</i>									
Solid Waste Management Grants	10.762		-	22,193	Syracuse University	TAT 2020-2021	-	22,193	-
Department of Agriculture Total			17,160,448	820,317				17,980,765	192,410
Department of Commerce									
<i>Economic Development Administration</i>									
Cluster Grants	11.020		280,494	-			-	280,494	-
<i>National Oceanic And Atmospheric Administration</i>									
Center for Sponsored Coastal Ocean Research Coastal Ocean Program	11.478		2,799	-			-	2,799	-
NOAA Mission-Related Education Awards	11.008		-	5,538	National Wildlife Federation	NA20SEC0080005	-	5,538	-
NOAA Mission-Related Education Awards	11.008		-	22,326	North American Association for Environmental Education	SDXQJ-A8VTX-QMXYZ-E50DD	-	22,326	4,771
			-	27,864				27,864	4,771
Sea Grant Support	11.417		170,703	-			-	170,703	-
Sea Grant Support	11.417		-	40,425	Purdue University	NA20OAR4170343	-	40,425	-
Sea Grant Support	11.417		-	2,670	The Board of Trustees of the University of Illinois Office of Technology Management	NA19OAR4170391	-	2,670	-
Sea Grant Support	11.417		-	6,241	The Research Foundation for the State University of New York Stony Brook	NA18OAR4170353	-	6,241	587
Sea Grant Support	11.417		-	1,032,096	The Research Foundation for the State University of New York Stony Brook	NA18OAR4170096	-	1,032,096	-
Sea Grant Support	11.417		-	1,766	The University of Mississippi	NA18OAR4170079	-	1,766	-
Sea Grant Support	11.417		-	27,493	University of Connecticut	NA18OAR4170081	-	27,493	-
			170,703	1,110,691				1,281,394	587
Integrated Ocean Observing System (IOOS)	11.012		-	40,326	Maracoos		-	40,326	-
<i>National Oceanic And Atmospheric Administration Subtotal</i>			173,502	1,178,881				1,352,383	5,358
Department of Commerce Total			453,996	1,178,881				1,632,877	5,358
Department Of Defense									
<i>Department Of Defense</i>									
Department of Defense, Other	12.U01	IPA000-19-0-0012	17,126	-			-	17,126	-
Department Of Defense Total			17,126	-				17,126	-
Department Of The Interior									
Department of the Interior, Other	15.U01	AM11043	-	11,385	The Research Foundation for the State University of New York College of Environmental Science and Forestry	AM11043	-	11,385	9,648
Assistance to State Water Resources Research Institutes	15.805		-	16,803	University of Illinois at Urbana-Champaign	G16AP00001	-	16,803	-
Department Of The Interior Total			-	28,188				28,188	9,648

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Department of Justice									
<i>Office Of Justice Programs</i>									
Juvenile Mentoring Program	16.726		-	100,612	National 4-H Council	2019-MU-FX-0002	-	100,612	39,996
Juvenile Mentoring Program	16.726		-	28,247	National 4-H Council	2019-JY-FX-0026	-	28,247	20,618
Juvenile Mentoring Program	16.726		-	3,940	National 4-H Council	2020-JU-FX-0031	-	3,940	-
Juvenile Mentoring Program	16.726		-	123	National 4-H Council	2020-JY-FX-0024	-	123	-
Department of Justice Total			<u>-</u>	<u>132,922</u>				<u>132,922</u>	<u>60,614</u>
Department of Labor									
<i>Office Of Disability Employment Policy</i>									
Disability Employment Policy Development	17.720		2,081,852	-			-	2,081,852	799,188
Department of Labor Total			<u>2,081,852</u>	<u>-</u>				<u>2,081,852</u>	<u>799,188</u>
Department of State									
<i>Bureau Of Educational And Cultural</i>									
Academic Exchange Programs - Hubert H. Humphrey Fellowship Program	19.010		-	3,371	Institute Of International Education Inc	S-ECAGD-19-CA-0047	-	3,371	-
Academic Exchange Programs - Hubert H. Humphrey Fellowship Program	19.010		-	263,692	Institute Of International Education Inc	SECAGD20CA0002	-	263,692	-
Department of State Total			<u>-</u>	<u>267,063</u>				<u>267,063</u>	<u>-</u>
National Endowment For The Arts									
<i>National Endowment For The Arts</i>									
Promotion of the Arts Grants to Organizations and Individuals	45.024		18,871	-			-	18,871	-
<i>National Endowment For The Humanities</i>									
Promotion of the Humanities Division of Preservation and Access	45.149		46,223	-			-	46,223	-
Promotion of the Humanities Research	45.161		48,568	-			-	48,568	-
COVID-19: Promotion of the Humanities Research	45.161		102,973	-			COVID-19	102,973	-
			<u>151,541</u>	<u>-</u>				<u>151,541</u>	<u>-</u>
Promotion of the Humanities Office of Digital Humanities	45.169		78,122	-			-	78,122	13,969
<i>National Endowment For The Humanities Subtotal</i>			<u>427,427</u>	<u>-</u>				<u>427,427</u>	<u>13,969</u>
<i>The Institute Of Museum And Library Services</i>									
Laura Bush 21st Century Librarian Program	45.313		-	12,022	Yale University	RE-36-19-0081-19	-	12,022	-
National Endowment For The Arts Total			<u>294,757</u>	<u>12,022</u>				<u>306,779</u>	<u>13,969</u>
Environmental Protection Agency									
<i>Long Island Sound Program</i>									
Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies	66.437		183,841	-			-	183,841	-
	66.716		-	20,907	eXtension Foundation	83698001	-	20,907	-
Environmental Protection Agency Total			<u>183,841</u>	<u>20,907</u>				<u>204,748</u>	<u>-</u>
Nuclear Regulatory Commission									
<i>Nuclear Regulatory Commission, Other</i>									
Nuclear Regulatory Commission, Other	77.U01	NRC-HQ-7B-17-C-0001	10,527	-			-	10,527	-
Nuclear Regulatory Commission, Other	77.U02	31310020P0044	15,924	-			-	15,924	-
Nuclear Regulatory Commission Total			<u>26,451</u>	<u>-</u>				<u>26,451</u>	<u>-</u>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Department of Energy									
Office of Science Financial Assistance Program	81.049		-	20,020	Massachusetts Institute of Technology	DE-SC0018354	-	20,020	-
Department of Energy Total			-	20,020				20,020	-
Department Of Education									
Department of Education, Other	84.U01	019-001	-	2,506,958	New York State Education Department	019-001	-	2,506,958	-
<i>Education</i>									
COVID-19: Higher Education Emergency Relief Fund (HEERF) Institutional Portion	84.425F		7,550,490	-			COVID-19	7,550,490	-
COVID-19: Higher Education Emergency Relief Fund (HEERF) Student Aid Portion	84.425E		2,298,941	-			COVID-19	2,298,941	-
<i>Office Of Postsecondary Education</i>									
National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	84.015		1,285,757	-			-	1,285,757	304,116
Rehabilitation Services Vocational Rehabilitation Grants to States	84.126		-	534,700	New York State Education Department	018-010	-	534,700	-
Rehabilitation Training Technical Assistance Centers	84.264		-	109,110	Institute For Educational Leadership	H264H150006	-	109,110	-
Rehabilitation Training Technical Assistance Centers	84.264		-	21,012	San Diego State University Research Foundation	H264J200002	-	21,012	-
			-	130,122				130,122	-
<i>Office Of Postsecondary Education Subtotal</i>			1,285,757	664,822				1,950,579	304,116
Department Of Education Total			11,135,188	3,171,780				14,306,968	304,116
National Archives And Records Administration									
National Historical Publications and Records Grants	89.003		-	23,758	University Of New Orleans	RM-100277-18	-	23,758	-
National Archives And Records Administration Total			-	23,758				23,758	-
Department of Health and Human Services									
<i>Administration For Children And Families</i>									
Affordable Care Act (ACA) Personal Responsibility Education Program	93.092		-	249,972	New York State Department of Health	DOH01-C33137GG-3450000	-	249,972	-
Title V State Sexual Risk Avoidance Education (Title V State SRAE) Program	93.235		-	485,148	New York State Department of Health	DOH01-C33137GG-3450000	-	485,148	-
Foster Care Title IV-E	93.658		-	52,295	New York State Department of Health	DOH01-C33137GG-3450000	-	52,295	-
Adoption Assistance	93.659		-	307,236	New York State Office of Children and Family Services	C027777	-	307,236	-
<i>Administration For Children And Families Subtotal</i>			-	1,094,651				1,094,651	-
<i>Administration For Community Living</i>									
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		1,015,042	-			-	1,015,042	-
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		-	12,811	Independent Living Research Utilization Program	90DPAD001-04-00	-	12,811	-
			1,015,042	12,811				1,027,853	-
Developmental Disabilities Basic Support and Advocacy Grants	93.630		-	(3,976)	New York State Developmental Disabilities Planning Council		-	(3,976)	-
<i>Administration For Community Living Subtotal</i>			1,015,042	8,835				1,023,877	-
<i>Centers For Disease Control And Prevention</i>									
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323		-	352,085	Health Research Incorporated	5NU50CK000516-02-00	-	352,085	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Food And Drug Administration</i>									
Food and Drug Administration Research	93.103		218,221	-			-	218,221	-
Food and Drug Administration Research	93.103		-	689	New York State Department of Agriculture and Markets	16-8236-0245-CA	-	689	-
Food and Drug Administration Research	93.103		-	6,020	New York State Department of Agriculture and Markets	5U18FD005906-02	-	6,020	-
Food and Drug Administration Research	93.103		-	32,274	New York State Department of Agriculture and Markets	5U18D005906-05	-	32,274	-
Food and Drug Administration Research	93.103		-	17,853	New York State Department of Agriculture and Markets	5U18FD005906-05	-	17,853	-
<i>Food And Drug Administration Subtotal</i>			<u>218,221</u>	<u>56,836</u>				<u>275,057</u>	<u>-</u>
<i>Health Resources And Services Administration</i>									
COVID-19: HRSA COVID-19 Claims Reimbursement for the Uninsured Program and the COVID-19 Coverage Assistance Fund	93.461		95,467	-			COVID-19	95,467	-
Maternal and Child Health Services Block Grant to the States	93.994		-	327,008	New York State Department of Health	DOH01-C33137GG-3450000	-	327,008	-
COVID-19: Provider Relief Fund	93.498		8,414,133	-			COVID-19	8,414,133	-
<i>Health Resources And Services Administration Subtotal</i>			<u>8,509,600</u>	<u>327,008</u>				<u>8,836,608</u>	<u>-</u>
<i>Oash Immediate Office Of The Assistant Secretary For Health</i>									
Public Health Service Evaluation Funds	93.343		-	46,900	Family Health Centers at NYU Langone	90SR0110-01-00	-	46,900	-
<i>Substance Abuse And Mental Health Services Administration</i>									
Substance Abuse and Mental Health Services Projects of Regional and National Significance	93.243		532,797	-			-	532,797	-
Department of Health and Human Services Total			<u>10,275,660</u>	<u>1,886,315</u>				<u>12,161,975</u>	<u>-</u>
Federal Emergency Management Agency									
Cooperating Technical Partners	97.045		-	19,389	City University of New York Brooklyn College	CM00006068-00	-	19,389	-
Federal Emergency Management Agency Total			<u>-</u>	<u>19,389</u>				<u>19,389</u>	<u>-</u>
Other Awards Total			<u>41,629,319</u>	<u>7,581,562</u>				<u>49,210,881</u>	<u>1,385,303</u>
Total Federal Award Expenditures			<u>\$ 712,124,956</u>	<u>\$ 84,149,201</u>				<u>\$ 796,274,157</u>	<u>\$ 82,082,259</u>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University
Notes to the Schedule of Expenditures of Federal Awards
June 30, 2021

1. Significant Accounting Policies

The accompanying Schedule of Expenditures of Federal Awards (the “Schedule”) includes the federal grant, contract, and cooperative agreement activity of Cornell University (the “University”) and is presented on the accrual basis of accounting. Negative amounts represent current year adjustments of amounts reported in prior years. Assistance listing number and pass-through entity numbers are included when available. The information in the schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Awards (“Uniform Guidance”). Therefore, some amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the consolidated financial statements.

2. Facilities and Administrative Costs

The University applies its predetermined approved facilities and administrative rate (“F&A”) when charging indirect costs to federal awards rather than the 10% de minimis cost rate as described in Section 200.414 of the Uniform Guidance.

Ithaca Campus: F&A cost rates for the Ithaca campus have been finalized through fiscal year 2021 as predetermined rates pursuant to the Department of Health and Human Services (“DHHS”) rate agreement dated July 17, 2020. Provisional rates have been established for fiscal year 2022 and beyond.

Weill Cornell Medicine: F&A cost rates for Weill Cornell Medicine (“WCM”) have been finalized through fiscal year 2021 as predetermined rates pursuant to the DHHS rate agreement dated June 30, 2020. Provisional rates have been established for fiscal year 2022 and beyond.

3. Student Loan Programs

The following federal student loan programs are administered directly by the University and balances and transactions relating to these programs are included in the University’s consolidated financial statements. Included within the Schedule are the loan beginning balances, new loans and administrative cost allowance from the Perkins Loan Program and Health Professions Student Loans. Included below are the loan balances for the year ended June 30, 2021.

	<u>Assistance Listing Number</u>	<u>Amount Outstanding</u>
Federal Perkins Loan Program	84.038	\$ 15,094,823
Health Professions Student Loan Program, including Primary Care Loans and Loans for Disadvantaged Students	93.342	<u>3,485,446</u>
Grand Total		<u>\$ 18,580,269</u>



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

To the Board of Trustees
of Cornell University

We have audited, 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, the consolidated financial statements of Cornell University (the "University"), which comprise the consolidated statement of financial position as of June 30, 2021, and the related consolidated statements of activities and of cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated October 8, 2020.

Internal Control Over Financial Reporting

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

A deficiency in internal control 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 and correct, misstatements on a timely basis. *A material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. *A significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the University's financial statements are free from 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 financial statements. 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*.



Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

PricewaterhouseCoopers LLP

Rochester, New York
October 22, 2021



**Report of Independent Auditors on Compliance with Requirements
That Could Have a Direct and Material Effect on Each Major Program and on Internal
Control Over Compliance in Accordance with the Uniform Guidance**

To the Board of Trustees
of Cornell University

Report on Compliance for Each Major Federal Program

We have audited Cornell University's (the "University") compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2021. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

Management is responsible for compliance with federal statutes, regulations and the terms and conditions of its federal awards applicable to its federal programs.

Auditors' Responsibility

Our responsibility is to express an opinion on compliance for each of the University's major federal programs based on our audit of the types of compliance requirements referred to above. 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 the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the University's compliance.

Opinion on Each Major Federal Program

In our opinion, the University complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2021.



Other Matters

As indicated in Part I to the accompanying Schedule of Findings and Questioned Costs, we have audited the Student Financial Assistance cluster as a major program. Also, as indicated in the first paragraph of this report, we performed our audit of compliance using the compliance requirements contained in the *OMB Compliance Supplement*, including those contained in Part V 5.3, Compliance Requirement N, Special Tests and Provisions, Section 12 “Gramm-Leach-Bliley Act-Student Information Security.” This section includes three suggested audit procedures with respect to verification that the institution (1) designated an individual to coordinate the information security program, (2) performed a risk assessment that addresses the three required areas in 16 CFR 314.4(b), and (3) documented a safeguard for each risk identified. Our procedures in relation to these three items were limited to inquiry of and obtaining written representation from management and obtaining and reading management’s documentation related to these three items. Our procedures did not include an analysis of the adequacy or completeness of the risk assessment performed or the safeguards for each risk identified by management.

The results of our auditing procedures disclosed an instance of noncompliance, which is required to be reported in accordance with the Uniform Guidance and which is described in the accompanying schedule of findings and questioned costs as item 2021-001. Our opinion on each major federal program is not modified with respect to this matter.

The University's response to the noncompliance finding identified in our audit is described in the accompanying management’s views and corrective action plan. The University's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

Report on Internal Control Over Compliance

Management of the University is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the University’s internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, 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 the University 's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.



Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

PricewaterhouseCoopers LLP

Rochester, New York
August 18, 2022

Cornell University
Schedule of Findings and Questioned Costs
Year Ended June 30, 2021

Section I – Summary of Auditor’s Results

Financial Statements

Type of auditor’s report issued:

Unmodified Opinion

Internal control over financial reporting:

- Material weakness(es) identified? Yes No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? Yes None reported
- Noncompliance material to financial statements noted? Yes No

Federal Awards

Internal control over major programs:

- Material weakness(es) identified? Yes No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? Yes None reported

Type of auditor’s report issued on compliance for major programs:

Unmodified Opinion

Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)?

Yes No

Identification of major programs:

Assistance Listing Number(s) or Grantor ID No.

Name of Federal Program or Cluster

Various
 10.511
 10.514
 17.720
 84.425E and 84.425F
 93.498

Student Financial Assistance Cluster
 Smith-Lever Funding (Various Programs)
 Expanded Food and Nutrition Education Program
 Disability Employment Policy Development
 COVID-19 Higher Education Emergency Relief Fund
 COVID-19 Provider Relief Fund

Dollar threshold used to distinguish between Type A and Type B programs:

\$3,000,000

Auditee qualified as low-risk auditee?

Yes No

Cornell University
Schedule of Findings and Questioned Costs
Year Ended June 30, 2021

Section II – Financial Statement Findings

None noted.

Cornell University

Schedule of Findings and Questioned Costs

Year Ended June 30, 2021

Section III – Federal Award Findings and Questioned Costs

2021 – 001 – Non-Compliance with Timely Roster Enrollment Reporting to the National Student Loan Data System (NSLDS)

Grantor: U.S. Department of Education

Program Name: Student Financial Assistance Cluster

Award Name: Federal Direct Loan Program

Award Year: Fiscal Year 2021

Award Number: Not applicable

Assistance Listing Number: 84.268

Criteria:

In accordance with 34 CFR Section 685.309, the University is required to report enrollment information by reviewing, updating, and verifying student enrollment statuses, program information and effective dates that appear on the Enrollment Reporting Roster file provided by NSLDS. The University is responsible for timely reporting enrollment and must complete and return the Enrollment Reporting Roster file within 15 days.

Condition:

We reviewed the NSLDS Enrollment Reporting Summary Report (SCHER1) for Weill Cornell Medicine noting three instances, out of a total population of six, in which the roster files were not returned on time. Of the three instances identified, two roster files were returned within 39 days and one roster file was never returned before the next roster file was made available by NSLDS.

Questioned Costs:

None

Cause:

The Weill Cornell Medicine Office of Registrar submits the Enrollment Reporting Roster file manually. An individual must access NSLDS and submit the roster using a spreadsheet. The Office of Registrar experienced turnover and the supervisor of the former employee who had been performing the roster file submission did not have the appropriate access to NSLDS. The Office of Registrar experienced delays in transitioning access to NSLDS and in providing adequate training to perform the process in a timely manner. Additionally, the University did not have in place an effective monitoring control to ensure adequate and timely review of enrollment reporting submissions.

Effect:

A student's enrollment status determines eligibility for in-school status, deferment, and grace periods, as well as for the payment of interest subsidies. Inaccurate and late reporting impacts all of these.

Recommendation:

We recommend the Weill Cornell Medicine Office of Registrar enhance its policies and procedures to ensure appropriate oversight, training, and transition planning to ensure necessary access to NSLDS to perform Enrollment Reporting Roster file submissions to NSLDS on a timely basis. Additionally, we recommend the University establish a monitoring control to review the enrollment reporting submission and help to ensure continuous timely reporting.

Management's Views and Corrective Action Plan:

Management's views and corrective action plan is included at the end of this report.

Cornell University

Summary Schedule of Prior Audit Findings and Status

Year Ended June 30, 2021

2020 – 001 – Review and overall analysis of financial statements

Condition:

The audit of the University's FY20 consolidated financial statements identified several audit adjustments surrounding the presentation and disclosure of certain financial statement line items. None of these audit adjustments impacted the accounting for federal awards.

Status:

This finding was addressed during fiscal year 2021 and is resolved.

2018 – 002 – Non-Compliance with Timely and Accurate Student Enrollment Change Submissions to the National Student Loan Data System (NSLDS) – Significant Deficiency

Grantor: U.S. Department of Education

Program Name: Student Financial Assistance Cluster

Award Names: Federal Supplemental Education Opportunity Grants, Federal Perkins Loan Program, Federal Pell Grant Program and Federal Direct Loan Program

Award Year: Fiscal Year 2018

Award Number: Not applicable

CFDA Numbers: 84.007, 84.038, 84.063 and 84.268

Condition:

PwC noted the following:

In the summer of 2017, management determined that all students enrolled at the University's Ithaca campus were reported to NSLDS as full-time, regardless of their level of attendance (full-time, three-quarter-time, halftime or less-than-half-time). Beginning in the spring 2018 semester, management updated the NSLDS reporting process to include the appropriate level of attendance for each student. This was also noted in PwC's testing as PwC reviewed a sample of four students whose level of attendance (full-time, three-quarter-time, half-time or less-than half-time) changed from the beginning of the spring 2018 semester to the end of the fiscal year and did not have any exceptions.

PwC reviewed a sample of 61 students enrolled at the University's Ithaca campus who graduated or withdrew from the University either prior to or after the student began attendance. Of the 61 students tested, two students (one in Graduate School and one in Johnson Graduate School of Management) were reported to NSLDS either inaccurately or untimely. Of the two students, one student was input using an incorrect effective date which was reported to NSLDS 281 days late. One student, who had an accurate effective date, was reported to NSLDS 286 days late. This is a repeat of the prior year finding (2017-004).

Status:

The Office of the University Registrar (OUR) implemented the previously identified corrective action plan in phases throughout the FY19 and FY20 award years, with full implementation in FY21.



Cornell University

Division of Financial
Affairs

William Sibert

Associate Vice President and
University Controller

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**Management's Views and Corrective Action Plan
Year Ended June 30, 2021**

The following finding was noted during the audit of financial statements performed in accordance with Government Auditing Standards. Management of Cornell University agrees with this finding and proposes the following Corrective Action Plan:

Finding Number: 2021 – 001 – Non-Compliance with Timely Roster Enrollment Reporting to the National Student Loan Data System (NSLDS)

Grantor: U.S. Department of Education

Program Name: Student Financial Assistance Cluster

Award Name: Federal Direct Loan Program

Award Year: Fiscal Year 2021

Award Number: Not applicable

Assistance Listing Number: 84.268

Corrective Action Plan:

Weill Cornell Medicine (WCM) currently performs a manual monthly enrollment update, where an employee in the Office of the Registrar updates the NSLDS roster results by the 15th of each month. This is to ensure that responses to all rosters are completed and meet the required compliance regulations. This process has been added to the Office of the Registrar's internal processing calendars and will be monitored by members of the WCM Administration and Ithaca Enrollment Compliance. In addition to timely roster review, exception reports generated by NSLDS are now being received and reviewed upon receipt by Weill Administration.

As a long-term solution, WCM is currently working to streamline Enrollment Reporting through the National Student Clearinghouse (NSC). Cornell University has an existing, long-standing relationship with the National Student Clearinghouse through its Ithaca campus, which will serve as support as WCM onboards with NSC, aligning reporting processing and providing automated messaging to the WCM Office of the Registrar. The target date to complete implementation of the National Student Clearinghouse solution is by January 2023.

In addition, WCM is committed to performing annual Enrollment Reporting training and access review for the administration involved. Cornell University's Office of Financial Aid and Student Employment and Office of the University Registrar will support their WCM counterparts by monitoring key staffing vacancies and gaining access to systems to assist in the development of controls, provide for cross-training and familiarity of processes, and for general oversight of Title IV administration.

Responsible individual: Michele Filorimo, Registrar, Weill Cornell Medicine

Signed,

A handwritten signature in black ink, appearing to read "William Sibert".

William Sibert
Associate Vice President and
University Controller