MASSACHUSETTS INSTITUTE OF TECHNOLOGY

REPORT ON THE AUDIT OF FEDERAL FINANCIAL ASSISTANCE PROGRAMS IN ACCORDANCE WITH THE Uniform Guidance

FOR THE YEAR ENDED JUNE 30, 2025

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Report on the Audit of Federal Financial Assistance Programs in Accordance with the Uniform Guidance For the Year Ended June 30, 2025

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SECTION I

FINANCIAL REPORTS

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Report of Independent Auditors

To the Members of the Corporation of the Massachusetts Institute of Technology

Report on the Audit of the Consolidated Financial Statements

Opinion

We have audited the accompanying consolidated financial statements of the Massachusetts Institute of Technology and its subsidiaries (the "Institute"), which comprise the consolidated statements of financial position as of June 30, 2025 and 2024, and the related consolidated statements of activities for the year ended June 30, 2025, and of cash flows for the years ended June 30, 2025 and 2024, including the related notes (collectively referred to as the "consolidated financial statements").

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Institute as of June 30, 2025 and 2024, and the changes in its net assets for the year ended June 30, 2025, and its cash flows for the years ended June 30, 2025 and 2024 in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (US GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are required to be independent of the Institute and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Other Matter

We previously audited the consolidated statement of financial position as of June 30, 2024, and the related consolidated statements of activities and of cash flows for the year then ended (the statement of activities is not presented herein), and in our report dated October 11, 2024, we expressed an unmodified opinion on those consolidated financial statements. In our opinion, the information set forth in the accompanying summarized financial information for the year ended June 30, 2024 is consistent, in all material respects, with the audited consolidated financial statements from which it has been derived.

Responsibilities of Management 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, and for 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.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Institute's ability to continue as a going concern for one year after the date the financial statements are issued.

Auditors' Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS and *Government Auditing Standards*, will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with US GAAS and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements.
- Obtain an understanding of internal control relevant to the audit 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 Institute's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the consolidated financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Institute's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplemental 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, 2025 is 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 is not a required part of the consolidated financial statements. Such 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 is fairly stated, in all material respects, in relation to the consolidated financial statements taken as a whole.

Other Information

Management is responsible for the other information included in the annual report. The other information comprises the contents of the Report of the Treasurer (not presented herein), but does not include the consolidated financial statements and our auditors' report thereon. Our opinion on the consolidated financial statements does not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the consolidated financial statements or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated October 10, 2025 on our consideration of the Institute'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, 2025. 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 Institute's internal control over financial reporting and compliance.

PricewaterhouseCoopers LLP

Boston, Massachusetts
October 10, 2025

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CONSOLIDATED STATEMENTS OF FINANCIAL POSITION
as of June 30, 2025, and 2024

(in thousands of dollars)	2025	2024
Assets		
Cash	$ 477,862	$ 410,373
Accounts receivable, net	345,963	318,428
Pledges receivable, net, at fair value	631,729	626,904
Contracts in progress, principally US government	139,120	123,860
Deferred charges and other assets	276,938	261,534
Investments, at fair value	35,790,340	31,751,808
Operating leases - right-of-use assets	417,114	198,591
Net asset position - defined benefit pension plan	1,123,430	568,126
Net asset position - retiree welfare benefit plan	502,112	297,423
Land, buildings, and equipment (at cost of $8,484,714 for June 2025; $8,089,320 for June 2024), net of accumulated depreciation	5,638,334	5,425,451
Total assets	**$ 45,342,942**	**$ 39,982,498**
Liabilities and Net Assets		
Liabilities:		
Accounts payable, accruals, and other liabilities	$ 698,604	$ 673,726
Deferred revenue and other credits	256,314	169,548
Advance payments	556,984	528,226
Operating lease liabilities	430,462	208,729
Liabilities associated with investments	564,787	420,996
Borrowings, net of unamortized issuance costs	5,160,054	4,430,396
Total liabilities	**$ 7,667,205**	**$ 6,431,621**
Net Assets:		
Without donor restrictions	$ 16,939,618	$ 14,792,904
With donor restrictions	20,736,119	18,757,973
Total net assets	**$ 37,675,737**	**$ 33,550,877**
Total liabilities and net assets	**$ 45,342,942**	**$ 39,982,498**

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

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CONSOLIDATED STATEMENT OF ACTIVITIES
For the year ended June 30, 2025
(with summarized financial information for the year ended June 30, 2024)

(in thousands of dollars)	2025 Without Donor Restrictions	2025 With Donor Restrictions	Total 2025	Total 2024
Operating Revenues				
Tuition and similar revenues, exclusive of financial aid of $502,131 in 2025 and $488,551 in 2024	$ 436,108	$ -	$ 436,108	$ 427,993
Sponsored support:				
Campus direct	713,631	-	713,631	706,963
Lincoln direct	1,407,807	-	1,407,807	1,305,146
SMART direct	26,669	-	26,669	23,588
Indirect cost recovery	273,044	-	273,044	289,172
Total sponsored support	2,421,151	-	2,421,151	2,324,869
Contributions	468,853	4,165	473,018	400,299
Other revenue	296,067	-	296,067	274,978
Support from investments:				
Endowment	1,230,255	-	1,230,255	1,166,597
Other investments	335,136	-	335,136	314,576
Total support from investments	1,565,391	-	1,565,391	1,481,173
Auxiliary enterprises	181,088	-	181,088	161,536
Total revenues	$ 5,368,658	$ 4,165	$ 5,372,823	$ 5,070,848
Operating Expenses				
Salaries and wages	$ 2,090,862	$ -	$ 2,090,862	$ 1,993,165
Employee benefits	705,960	-	705,960	636,830
Supplies and services	1,359,662	-	1,359,662	1,290,865
Subrecipient agreements	228,510	-	228,510	183,957
Utilities, rent, and repairs	272,126	-	272,126	248,286
Total expenses before depreciation and interest	4,657,120	-	4,657,120	4,353,103
Results of operations before depreciation and interest	711,538	4,165	715,703	717,745
Depreciation	289,575	-	289,575	266,510
Interest	170,489	-	170,489	163,079
Results of operations	251,474	4,165	255,639	288,156
Net periodic benefit income other than service cost	170,276	-	170,276	196,503
Net results	$ 421,750	$ 4,165	$ 425,915	$ 484,659
Other Revenues, Gains, and Losses				
Contributions	$ -	$ 204,922	$ 204,922	$ 198,441
Net return on investments	1,700,260	2,598,606	4,298,866	2,155,735
Distribution of investment income and gains	(709,444)	(855,947)	(1,565,391)	(1,481,173)
Other changes	12,450	10,616	23,066	89,901
Postretirement benefit plan changes other than net periodic benefit cost	737,482	-	737,482	(79,657)
Net asset reclassifications and transfers	(15,784)	15,784	-	-
Total other revenues, gains, and losses	1,724,964	1,973,981	3,698,945	883,247
Increase in net assets	2,146,714	1,978,146	4,124,860	1,367,906
Net assets at the beginning of the year	14,792,904	18,757,973	33,550,877	32,182,971
Net assets at the end of the year	**$ 16,939,618**	**$ 20,736,119**	**$ 37,675,737**	**$ 33,550,877**

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

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CONSOLIDATED STATEMENTS OF CASH FLOWS
for the years ended June 30, 2025, and 2024

(in thousands of dollars)	2025	2024
CASH FLOW FROM OPERATING ACTIVITIES:		
Increase in net assets	$ 4,124,860	$ 1,367,906
Adjustments to reconcile change in net assets		
to net cash used in operating activities:		
Net (gain) loss on investments	(3,546,738)	(1,962,290)
Change in retirement plan assets, net of accrued benefit liability	(759,993)	22,698
Change in allowances for uncollectible receivables	(101,260)	860
Depreciation	289,575	266,510
Net (gain) loss on life income funds and donor advised funds	(24,885)	(20,000)
Non-cash operating lease costs	(218,523)	44,006
Amortization of bond premiums and discounts and other adjustments	(8,353)	(3,711)
Change in operating assets and liabilities:		
Pledges receivable	75,655	(6,692)
Accounts receivable	(8,023)	4,255
Contracts in progress	(15,260)	(19,138)
Deferred charges and other assets	(15,911)	(23,730)
Accounts payable, accruals, and other liabilities, excluding building and equipment accruals	27,942	(32,634)
Liabilities associated with investments	170,396	34,757
Deferred revenue and other credits	52,101	(22,089)
Advance payments	28,758	12,023
Operating lease liability	221,733	(44,164)
Reclassification of donated securities	(2,864)	(26,032)
Reclassification of investment income for restricted purposes	(8,383)	(7,583)
Reclassification of contributions restricted for long-term investment	(252,856)	(207,375)
Net cash and restricted cash provided by (used in) operating activities	27,971	(622,423)
CASH FLOW FROM INVESTING ACTIVITIES:		
Purchase of land, buildings, and equipment	(468,331)	(596,154)
Purchases of investments	(10,034,639)	(4,917,777)
Proceeds from sale of investments	9,538,601	5,805,616
Student notes issued	(3,611)	(3,777)
Collections from student notes	4,879	5,678
Net cash and restricted cash (used in) provided by investing activities	(963,101)	293,586
CASH FLOW FROM FINANCING ACTIVITIES:		
Contributions restricted for long-term investment	252,856	207,375
Payments to beneficiaries of life income funds	(26,605)	(25,191)
Proceeds from sale of donated securities restricted for endowment	2,864	26,032
Investment income for restricted purposes	8,383	7,583
Proceeds from borrowings	750,000	1,200
Repayment of borrowings	(12,995)	(51,455)
Repayments of government advance for student loans	(1,525)	(1,029)
Net cash and restricted cash provided by financing activities	972,978	164,515
Net increase (decrease) in cash and restricted cash	37,848	(164,322)
Cash and restricted cash at the beginning of the period	710,331	874,653
Cash and restricted cash at the end of the period	**$ 748,179**	**$ 710,331**
Supplemental Information on cash and restricted cash:		
Cash on Statements of Financial Position	$ 477,862	$ 410,373
Cash and restricted cash included in Investments (see Note B)	270,021	299,155
Restricted cash included in Other Assets (see Note G)	295	803
Total cash and restricted cash on Cash Flow	**$ 748,179**	**$ 710,331**

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

Notes to Consolidated Financial Statements

A. Accounting Policies

Basis of Presentation

The accompanying financial statements have been prepared in accordance with generally accepted accounting principles (GAAP) in the United States of America. The consolidated financial statements (financial statements) include Massachusetts Institute of Technology (MIT or the Institute) and its wholly owned subsidiaries.

Net assets, revenues, expenses, and gains and losses are classified into two categories based on the existence or absence of donor-imposed restrictions: net assets with donor restrictions and net assets without donor restrictions.

Net assets with donor restrictions include gifts, pledges, trusts, and remainder interests, and income and gains that are either required by donors to be permanently retained or for which restrictions have not yet been met. Such restrictions include purpose restrictions (donors have specified the purpose for which the net assets are to be spent), time restrictions imposed by donors or implied by the nature of the gift (e.g., capital projects, pledges to be paid in the future, life income funds), or by interpretations of law (net gains on donor-endowed gifts, where the gains have not yet been appropriated for spending). Net assets without donor restrictions are all the remaining net assets of MIT.

Donor-restricted gifts and grants (including gifts of long-lived assets) and distributed restricted endowment income (for which the restrictions are met within the same year of gift, grant, or distribution) are reported as revenue without donor restrictions. Amounts for which the restrictions are not met within the same year of gift, grant, or distribution are reclassified to net assets with donor restrictions through the net asset reclassifications and transfers line in the Consolidated Statement of Activities. These amounts are released back to net assets without donor restrictions, through the net asset reclassifications and transfers line, during the years in which the restrictions are met. Gifts specified for the acquisition or construction of long-lived assets are reported as net assets with donor restrictions until the monies are expended and the long-lived assets (e.g., buildings) are put into use, at which point they are reclassified to net assets without donor restrictions, also through the net asset reclassifications and transfers line.

MIT administers its various funds, including endowments, funds functioning as endowments, school or departmental funds, and related accumulated gains, in accordance with the principles of fund accounting. Endowed gifts are recorded in fund accounts, and investment income is distributed to funds annually. Income distributed to funds may be a combination of capital appreciation and yield pursuant to MIT's total return investment and spending policies. Each year, the Executive Committee of the Corporation approves the rates of distribution of investment return to funds from MIT's investment pools. See Note J for further information on income distributed to funds.

MIT's operating revenues include tuition, sponsored support, contributions (expendable gifts and pledge payments), other revenue, support from investments, and auxiliary revenue.

Net results, as presented in MIT's Consolidated Statement of Activities, is the measure to which the Institute manages its annual budget and is used in financial reports presented to MIT's leadership, including the Executive Committee and the Corporation. It is a comprehensive measure of MIT's annual financial performance, including operating activity and the non-service-cost components of net periodic benefit costs or income that serve as a basis for cost recovery.

The Consolidated Statement of Activities also shows results of operations, a measure of ongoing activities, which excludes the impacts of the components of net periodic retirement benefit costs or income other than service costs, and results of operations before depreciation and interest, which is a valuable measure for the Institute as it highlights the impacts of financing and capital development costs that are included in net results.

A. Accounting Policies (continued)

Tax Status

MIT is a nonprofit organization that is tax-exempt under Section 501(c)(3) of the Internal Revenue Code, originally recognized in October 1926, with the most recent affirmation letter dated May 2025.

U.S. GAAP requires MIT to evaluate tax positions taken by the Institute to recognize a tax liability (or asset) if the Institute has taken an uncertain tax position that, more likely than not, would not be sustained upon examination by the IRS. MIT has analyzed the tax positions taken and has concluded that as of June 30, 2025, and 2024, there are no significant uncertain positions taken or expected to be taken.

Cash

Certain cash balances, totaling $113.7 million and $73.4 million as of June 30, 2025, and 2024, respectively, are restricted for use under certain sponsored research agreements and government regulations. These amounts are included within cash in the Consolidated Statements of Financial Position.

The Institute had approximately $433.5 million and $367.9 million as of June 30, 2025, and 2024, respectively, of its cash accounts with a single institution. The Institute has not experienced any losses associated with deposits at this institution.

Land, Buildings, and Equipment

Land, buildings, and equipment are shown at cost when purchased, or at fair value as of the date of a gift when received as a gift, net of accumulated depreciation. When expended, costs associated with the construction of new facilities are shown as construction in progress until such projects are completed and put into use. Depreciation is computed on a straight-line basis over the estimated useful lives of 25 to 50 years for buildings, 3 to 25 years for equipment, and 6 years for software.

Fully depreciated assets were removed from the consolidated financial statements in the amount of $105.7 million and $107.2 million during 2025 and 2024, respectively. Land, buildings, and equipment as of June 30, 2025, and 2024, are shown in Table 1 below.

TABLE 1. LAND, BUILDINGS, AND EQUIPMENT

(in thousands of dollars)	2025	2024
Land	$ 119,063	$ 119,063
Land improvements	115,389	115,637
Educational buildings	7,086,258	6,562,290
Equipment	628,122	583,741
Software	14,156	21,738
Total	7,962,988	7,402,469
Less: accumulated depreciation	(2,846,380)	(2,663,869)
Construction in progress	503,987	679,604
Software projects in progress	17,739	7,247
Net land, buildings, and equipment	**$ 5,638,334**	**$ 5,425,451**

Depreciation expense was $289.6 million in fiscal 2025 and $266.5 million in fiscal 2024. Interest of $9.8 million and $12.9 million was capitalized during fiscal 2025 and fiscal 2024, respectively, in connection with MIT's construction projects.

A. Accounting Policies (continued)

Tuition and Student Support

Tuition and similar revenues, shown in Table 2 below, include tuition and fees for degree programs as well as tuition and fees for executive and continuing education programs. Tuition revenue is recognized over the period during which the courses are taken.

TABLE 2. TUITION AND SIMILAR REVENUES

(in thousands of dollars)	2025	2024
Undergraduate and graduate programs*	$ 323,414	$ 312,832
Executive and continuing education programs	112,694	115,161
Tuition and similar revenues	**$ 436,108**	**$ 427,993**

* Undergraduate and graduate programs at published rates totaled $825,545 and $801,383 in 2025 and 2024, respectively, and financial aid applied to undergraduate and graduate programs was $502,131 and $488,551 in 2025 and 2024, respectively.

Tuition support shown in Table 3 below is awarded to undergraduate students by MIT based on need. Graduate students are provided with tuition support in connection with research assistance, teaching assistance, and fellowship appointments.

TABLE 3. STUDENT SUPPORT

	2025			2024		
(in thousands of dollars)	Institute Sources	External Sponsors	Total Student Support	Institute Sources	External Sponsors	Total Student Support
Undergraduate tuition support	$ 162,805	$ 20,791	$ 183,596	$ 159,307	$ 16,623	$ 175,930
Graduate tuition support	339,326	59,395	398,721	329,244	57,212	386,456
Fellowship stipends	70,800	18,767	89,567	61,436	19,500	80,936
Student employment	65,321	91,997	157,318	68,481	92,600	161,081
Total	**$ 638,252**	**$ 190,950**	**$ 829,202**	**$ 618,468**	**$ 185,935**	**$ 804,403**

A. Accounting Policies (continued)

Sponsored Support and Advance Payments

Almost all of Lincoln Laboratory and Singapore-MIT Alliance for Research and Technology (SMART) sponsored revenue, as well as a portion of campus sponsored revenue, come from exchange contracts. Sponsored revenue related to exchange contracts is recognized as MIT fulfills the terms of the agreements, which generally span fewer than five years. Almost all of campus sponsored revenue – and a portion of Lincoln Laboratory and SMART sponsored revenue – comes from non-exchange contracts. Sponsored revenue associated with non-exchange contracts is recognized as the qualified expenditures are incurred. Sponsored activities at Lincoln Laboratory (which are contractually authorized by the sponsor but for which costs have not yet been incurred) totaled $843.5 million and $974.8 million as of fiscal 2025 and fiscal 2024, respectively. Sponsored activities on campus (which are contractually authorized by the sponsor but for which costs have not yet been incurred) totaled $1,015.5 million and $1,099.8 million as of fiscal 2025 and fiscal 2024, respectively.

Advance payments are amounts received by MIT from sponsors under the terms of agreements that generally require the exchange of assets, rights, or privileges between MIT and the sponsor. Advance payments are made for activity that will occur in the near future, generally within the next fiscal year.

Indirect sponsored revenue includes the portion of facilities and administrative expenses that is attributed to sponsored activities. MIT has recorded reimbursement of indirect costs relating to sponsored research activities at negotiated fixed billing rates. For non-research activities (such as instruction and other sponsored activity) MIT records reimbursement of indirect costs on federal awards using the de minimis rate allowed by Uniform Guidance, and for non-federal awards using rates that are agreed to with the sponsor.

The revenue generated by the negotiated indirect research rates is adjusted each fiscal year to reflect any variance between the negotiated fixed rates and rates based on actual costs; any adjustment in the rate is charged or credited to net assets without donor restrictions. The actual cost rate is audited by the Defense Contract Audit Agency (DCAA), and a final fixed-rate agreement is signed by the U.S. government and MIT. The variance between the negotiated fixed rate and the final audited rate results in a carryforward (over- or under-recovery). The carryforward is included in the calculation of negotiated fixed billing rates in future years.

Gifts and Pledges (Contributions)

Gifts and pledges (contributions) are recognized when MIT has an unconditional right to receive payment. Gifts of securities are recorded at their fair value at the date of contribution. Donated securities received totaled $83.0 million and $101.3 million in fiscal 2025 and fiscal 2024, respectively. Gifts of equipment received from manufacturers and other donors are put into use and recorded by MIT at fair value. Gifts of equipment totaled $0.1 million in fiscal 2025 and $0.5 million in fiscal 2024. Pledges consist of unconditional promises to contribute to MIT in the future. Pledges are reported at their estimated fair values. Pledges receivable are classified as Level 3 under the valuation hierarchy described in Note B.

Pledges, trusts, and remainder interests are reported at their estimated fair values. MIT does not recognize donated works of art, historical treasures, and similar assets in the financial statements if they are part of a collection. Items that are part of a collection are received for educational purposes, and most are displayed throughout MIT. In general, collections are not disposed of for financial gain or otherwise encumbered in any manner.

Other Revenue and Auxiliary Enterprises

For the revenue streams included in other revenue and auxiliary enterprises, revenue is recognized at the point in time when goods or services are provided and are included in the without donor restrictions net asset category. Other revenue includes patent royalty revenue, membership agreement revenue, medical services revenue, and various other types. Auxiliary enterprises revenue includes room and board revenue, as well as revenue earned by MIT Press, Technology Review, and Endicott House.

A. Accounting Policies (continued)

Life Income Funds

MIT's life income fund agreements with donors consist primarily of irrevocable charitable gift annuities, pooled income funds, and charitable remainder trusts for which MIT serves as trustee. Assets are invested and payments are made to donors and other beneficiaries in accordance with the respective agreements. MIT records the assets that are associated with each life income fund at fair value and records as liabilities the present value of the estimated future payments at current interest rates to be made to the donors and beneficiaries under these agreements. Life income fund assets are included within investments and life income fund liabilities are included within liabilities associated with investments in the Consolidated Statements of Financial Position. A rollforward of liabilities due under life income fund agreements is presented in Table 4 below.

TABLE 4. LIABILITIES DUE UNDER LIFE INCOME FUNDS

(in thousands of dollars)	2025	2024
Balance at the beginning of the year	$ 279,503	$ 265,640
Additions for new gifts	7,621	1,673
Termination and payments to beneficiaries	(24,422)	(23,419)
Net investment and actuarial gain	40,793	35,609
Balance at the end of the year	**$ 303,495**	**$ 279,503**

Recently Adopted Accounting Standards

On July 1, 2023, the Institute adopted the FASB-issued ASU No. 2016-13, *Measurement of Credit Losses on Financial Instruments* (Topic 326), which replaces the current GAAP incurred loss impairment methodology with one that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. The adoption of this standard did not have a significant impact on the Institute's financial statements.

A. Accounting Policies (continued)

Non-Cash Items

Non-cash transactions excluded from the Consolidated Statements of Cash Flows include $21.4 million and $24.5 million of accrued liabilities related to plant and equipment purchases as of June 30, 2025, and 2024, respectively.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Subsequent Events

MIT has evaluated subsequent events through October 10, 2025, the date on which the financial statements were issued. On July 4, 2025, the One Big Beautiful Bill Act (the "Act") was enacted. Under the Act, the Institute's tax rate on net investment income will increase from 1.4 percent to 8.0 percent, effective for the Institute's fiscal year 2027. The Institute is currently evaluating the potential impact of the Act on the financial statements.

Summarized Information

The Consolidated Statement of Activities includes certain prior-year summarized comparative information in total, but not by net asset class. Such information does not include sufficient detail to constitute a presentation in conformity with GAAP in the United States of America. Accordingly, such information should be read in conjunction with MIT's financial statements for the year ended June 30, 2024, from which the summarized information was derived.

Reclassifications

Certain June 30, 2024, balances and amounts previously reported have been reclassified to conform to the June 30, 2025, presentation.

Related Parties

There are three categories of related-party entities that are not fully consolidated in MIT's consolidated financial statements and may have transactions with MIT. The first category is certain non-investment entities with education- or research-based missions. These entities are all U.S. corporations. Income from shared research, royalties for intellectual property, and administration or other services provided to these entities is included as other revenue on the Consolidated Statement of Activities. Costs to pay for services from, provide services to, and support these organizations are included in operating expenses on the Consolidated Statement of Activities. Investments arising from investment participation agreements with these entities are included in investments and the related liability is included in liabilities associated with investments, both on the Consolidated Statements of Financial Position.

Second are trusts for the benefit of employees that are managed by or under the trusteeship of MIT management. The assets of these U.S. trusts offset the benefit obligations of the defined benefit pension and retiree welfare benefit plans to arrive at the net funded status of each plan, both of which are shown on separate line items on the Consolidated Statements of Financial Position. Please refer to Note I for further details.

Third are certain investment entities for which MIT invests in their equity securities. These entities are limited partnership or equivalent entities located in both the U.S. and internationally. The Institute recognizes these as investments, at fair value on the Consolidated Statements of Financial Position and in net return on investments in the Consolidated Statement of Activities. Please refer to Note B for further details.

MIT related parties also include Executive Committee members and senior management, their family members, and in some cases entities with which they are associated that may do business with MIT. Transactions between MIT and members of the Executive Committee, senior management, or members of their families can include philanthropic gifts to MIT or similar transactions reported in contributions and other changes on the Consolidated Statement of Activities.

B. Investments

Investments are presented at fair value in accordance with GAAP.

Cash and short-term investments include cash, money market funds, repurchase agreements, and negotiable certificates of deposit, and are valued at cost, which approximates fair value. Instruments listed or traded on a securities exchange are valued at the last quoted price on the primary exchange where the securities are traded.

Over-the-counter positions, such as interest rate and total return swaps, credit default swaps, options, exchange agreements, and interest rate cap and floor agreements, are valued using broker quotes or models using market-observable inputs.

Investments in non-exchange-traded debt are primarily valued using independent pricing sources that use broker quotes or models using observable market inputs.

Investments managed by external managers include those in (i) absolute return; (ii) domestic, foreign, and private equity; (iii) real estate; and (iv) real asset commingled funds. The fair value of securities held in external investment funds that do not have readily determinable fair values are determined by the external managers based upon industry-standard valuation approaches that require varying degrees of judgment, taking into consideration, among other things: the cost of the securities, valuations, and transactions of comparable public companies; the securities' estimated future cash flow streams; and the prices of recent significant placements of securities of the same issuer. Using these valuations, most of these external managers calculate MIT's capital account or net asset value (NAV) in accordance with, or in a manner consistent with, GAAP's fair value principles.

As a practical expedient, MIT is permitted under GAAP to estimate the fair value of its investments with external managers using the external managers' reported NAV without further adjustment, unless MIT expects to sell the investment at a value other than NAV or the NAV is not calculated in accordance with GAAP.

MIT has elected to measure certain equity securities (those without a readily determinable fair value that do not qualify to use NAV as a practical expedient) at cost or fair value on the date of investment less impairment, adjusted for changes in observable prices of the same issuer (the "measurement alternative"). The election to apply the measurement alternative is applied on a security-by-security basis. MIT reassesses whether these investments qualify for the measurement alternative and performs an impairment analysis on an annual basis.

As of June 30, 2025, and 2024, MIT held $319.7 million and $261.3 million, respectively, of investments that are valued using the measurement alternative. These investments are included within Level 3 of the fair value hierarchy table.

There have been no impairment adjustments or observable price changes recognized.

Split-interest agreements are generally valued at the present value of the future distributions expected to be received over the term of the agreement.

MIT performs ongoing due diligence to determine that the fair value of investments is reasonable. In particular, to ensure that the valuation techniques for investments that are categorized within the fair value hierarchy are fair, consistent, and verifiable, MIT has established a Valuation Committee (the Committee) that oversees the valuation processes and procedures and ensures that the policies are fair and consistently applied. The Committee is responsible for conducting annual reviews of the valuation policies and evaluating the overall fairness and consistent application of the valuation policies. The Committee reviews external manager due diligence to substantiate the use of NAV as a practical expedient for estimates of fair value for externally managed funds. The Committee is comprised of senior personnel with members who are independent of investment functions. The Committee meets annually or more frequently, and members of the Committee report to MIT's Risk and Audit Committee as needed.

The methods described in this note may produce a fair value that may not be indicative of net realizable value or reflective of future fair values. While MIT believes its valuation methods are appropriate and consistent with those of other market participants, the use of 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.

MIT leverages certain real estate investments to optimize the use of invested capital in support of the Institute's mission. The liabilities associated with these financings are presented, on a net basis, with the investment balances on the associated real estate asset found in Table 5. The liabilities associated with real estate investments were $1,320.0 million as of June 30, 2025, and $1,324.4 million as of June 30, 2024. MIT's real estate subsidiaries are separate legal entities whose assets and credit are not available to satisfy the liabilities of MIT as a stand-alone entity. Also, the liabilities of MIT's subsidiaries do not constitute obligations of MIT as a stand-alone entity.

B. Investments (continued)

MIT may enter into short sales whereby it sells securities that may or may not be owned by MIT in anticipation of a decline in the price of such securities or in order to hedge portfolio positions. Cash collateral and certain securities owned by MIT may be held at counterparty brokers to collateralize these positions and are included in investments in the Consolidated Statements of Financial Position and in restricted cash included in investments on the Consolidated Statements of Cash Flows.

GAAP establishes a hierarchy of valuation inputs based on the extent to which the inputs are observable in the marketplace. Observable inputs reflect market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the entity's own assumptions about how market participants would value an asset or liability based on the best information available. Valuation techniques used to measure fair value must maximize the use of observable inputs and minimize the use of unobservable inputs. MIT follows a fair value hierarchy based on three levels of inputs, of which the first two are considered observable and the last is considered unobservable.

The following describes the hierarchy of inputs used to measure fair value and the primary valuation methodologies used by MIT for financial instruments measured at fair value on a recurring basis. The three levels of inputs are as follows:

Level 1 – Valuations based upon observable inputs that reflect quoted prices in active markets for identical assets and liabilities.

Level 2 – Valuations based upon: (i) quoted market prices for similar assets or liabilities in active markets; (ii) quoted prices for identical or similar assets or liabilities in markets that are not active; or (iii) other significant market-based inputs that are observable, either directly or indirectly.

Level 3 – Valuations based upon unobservable inputs that are significant to the overall fair value measurements. Level 3 investments are valued by MIT based upon valuation information received from the relevant entity, which may include last trade information, third-party appraisals of real estate, or valuations prepared in connection with the administration of an employee stock ownership plan. MIT may also utilize industry-standard valuation techniques, including discounted cash flow models. The significant unobservable inputs used in the fair value measurements of MIT's direct investments may include their cost of capital, equity, and industry risk premiums.

Investments managed by external managers in fund structures are not readily marketable and are reported at fair value utilizing the most current information provided by the external manager, subject to assessments that the information is representative of fair value and in consideration of any factors deemed pertinent to the fair value measurement. These investments are shown in the NAV column of Table 5.

A financial instrument's categorization within the valuation hierarchy is based upon the lowest level of input that is significant to its fair value measurement. Market information is considered when determining the proper categorization of the investment's fair value measurement within the fair valuation hierarchy.

B. Investments (continued)

Table 5 presents MIT's investments at fair value as of June 30, 2025, and 2024, respectively, grouped by the valuation hierarchy described herein. All net realized and unrealized gains and losses related to financial instruments held by MIT included in Table 5 are reflected in the Consolidated Statement of Activities. Cumulative unrealized gains related to Level 3 investments totaled $1,299.2 million and $1,694.3 million as of June 30, 2025, and 2024, respectively.

TABLE 5. INVESTMENTS

(in thousands of dollars)	Level 1	Level 2	Level 3	NAV	Total Fair Value
Fiscal Year 2025					
Cash and short-term investments	$ 275,499	$ 17,800	$ -	$ -	$ 293,299
US Treasury	482,811	1,958,521	-	-	2,441,332
US government agency	-	237,305	-	-	237,305
Domestic bonds	6,377	1,350,967	172,318	-	1,529,662
Foreign bonds	348	181,631	-	-	181,979
Common equity:					
Domestic	844,786	1	254,805	-	1,099,592
Foreign	1,504,203	180,224	20,024	-	1,704,451
Equity:**					
Absolute return	-	-	-	5,681,712	5,681,712
Domestic	-	-	-	2,281,241	2,281,241
Foreign	-	-	-	2,903,852	2,903,852
Private	-	-	54,534	12,610,634	12,665,168
Real estate*	9,026	-	2,672,158	1,730,387	4,411,571
Real assets*	28,889	-	433	238,199	267,521
Split-interest agreements	-	-	93,799	-	93,799
Other	-	-	8,641	-	8,641
Derivatives, assets/(liabilities)	-	(10,785)	-	-	(10,785)
Total Investment assets	**$ 3,151,939**	**$ 3,915,664**	**$ 3,276,712**	**$ 25,446,025**	**$ 35,790,340**
Fiscal Year 2024					
Cash and short-term investments	$ 201,967	$ 67,682	$ -	$ -	$ 269,649
US Treasury	1,403,002	-	-	-	1,403,002
US government agency	-	181,811	-	-	181,811
Domestic bonds	9,412	1,092,412	159,312	-	1,261,136
Foreign bonds	349	144,247	-	-	144,596
Common equity:					
Domestic	506,130	1	246,840	-	752,971
Foreign	1,587,977	70,261	14,603	-	1,672,841
Equity:**					
Absolute return	-	-	-	4,943,175	4,943,175
Domestic	-	-	-	2,540,222	2,540,222
Foreign	-	-	-	2,012,138	2,012,138
Private	-	-	-	11,284,910	11,284,910
Real estate*	1,192	-	3,306,974	1,580,242	4,888,408
Real assets*	16,620	-	368	277,784	294,772
Split-interest agreements	-	-	86,932	-	86,932
Other	-	-	14,779	-	14,779
Derivatives, assets/(liabilities)	3,561	(3,095)	-	-	466
Investments, at fair value	**$ 3,730,210**	**$ 1,553,319**	**$ 3,829,808**	**$ 22,638,471**	**$ 31,751,808**

** Includes direct investments and investments held through commingled vehicles.*

*** Includes commingled vehicles that invest in these types of investments.*

B. Investments (continued)

Table 6 below is a rollforward of the investments classified by MIT within Level 3 of the fair value hierarchy defined earlier in this note as of June 30, 2025, and 2024.

TABLE 6. ROLLFORWARD OF LEVEL 3 INVESTMENTS

(in thousands of dollars)	Fair Value Beginning	Realized Gains (Losses)	Unrealized Gains (Losses)	Purchases	Sales	Other Changes and Transfers	Fair Value Ending
Fiscal Year 2025							
Domestic bonds	$ 159,312	$ 56	$ (56)	$ 24,695	$ (11,689)	$ -	$ 172,318
Common equity:							
Domestic	246,840	2,178	544	-	(2,178)	7,421	254,805
Foreign	14,603	9	5,433	-	(21)	-	20,024
Equity - Private	-	-	3,937	50,597	-	-	54,534
Real estate	3,306,974	83,168	(411,504)	273,739	(614,064)	33,845	2,672,158
Real assets	368	10	115	-	(60)	-	433
Split-interest agreements	86,932	987	4,662	4,363	(3,145)	-	93,799
Other	14,779	4	(66)	1,349	(4)	(7,421)	8,641
Investments, at fair value	**$ 3,829,808**	**$ 86,412**	**$ (396,935)**	**$ 354,743**	**$ (631,161)**	**$ 33,845**	**$ 3,276,712**
Fiscal Year 2024							
Domestic bonds	$ 146,166	$ 57	$ (57)	$ 21,232	$ (8,086)	$ -	$ 159,312
Common equity:							
Domestic	233,650	(2)	(1,267)	14,461	(2)	-	246,840
Foreign	23,965	-	(232)	12	-	(9,142)	14,603
Real estate	3,486,773	991	(573,182)	410,694	(2,806)	(15,496)	3,306,974
Real assets	346	-	22	-	-	-	368
Split-interest agreements	81,355	-	4,677	1,092	(192)	-	86,932
Other	12,245	-	2,534	-	-	-	14,779
Investments, at fair value	**$ 3,984,500**	**$ 1,046**	**$ (567,505)**	**$ 447,491**	**$ (11,086)**	**$ (24,638)**	**$ 3,829,808**

Table 7 below sets forth a summary of valuation techniques and quantitative information utilized in determining the fair value of MIT's Level 3 investments as of June 30, 2025, and 2024.

TABLE 7. LEVEL 3 VALUATION TECHNIQUES

(in thousands of dollars)	Fair Value as of June 30, 2025	Fair Value as of June 30, 2024	Valuation Technique	Unobservable Input	2025 Rates	2025 Weighted Average	2024 Rates	2024 Weighted Average
Real Estate	$ 2,864,230	$ 4,252,685	Income approach	Discount Rate	5.00 - 10.00%	7.49%	5.25 - 9.00%	7.35%
				Capitalization Rate	4.50 - 8.00%	6.30%	4.25 -7.25%	6.20%
				Terminal Capitalization Rate	4.75 - 8.25%	6.65%	4.50 - 8.25%	6.47%
	680,776	1,105	Market approach	Comparable sale transactions	$49-347/FAR	$274/FAR	$99-299/FAR	$217/FAR
Equity and real asset securities	-	7,643	Discounted cash flow	Discount Rate	-	-	25.00%	25.00%
Split-interest agreements	93,799	86,932	Net present value	Discount Rate	5.25%	5.25%	5.85%	5.85%
Total assets*	**$ 3,638,805**	**$ 4,348,365**						

** Certain Level 3 investments and debt totaling ($681,823) and ($779,898) as of June 30, 2025 and June 30, 2024, respectively, have been valued at cost which approximates fair value or using unadjusted third party quotations and thus have been excluded from this table.*

*** Certain Level 3 investments totaling $319,730 and $261,344 as of June 30, 2025 and June 30, 2024, respectively, have been valued using the measurement alternative and thus have been excluded from this table.*

**** FAR stands for Floor Area Ratio.*

B. Investments (continued)

MIT has made commitments to make periodic contributions in future periods to investments managed by external managers, and certain of these investments may be subject to restrictions that: (i) limit MIT's ability to withdraw capital after such investment; and (ii) may limit the amount that may be withdrawn as of a given redemption date due to notice periods, lock-ups, and gates. Most absolute return, domestic equity, and foreign equity commingled funds limit withdrawals to monthly, quarterly, or other periods, and may require notice periods. In addition, some of these funds are able to designate a portion of the investments as illiquid in "side-pockets," and these funds may not be available for withdrawal until liquidated by the investing fund.

For the funds where MIT's ability to withdraw capital is limited, primarily with private equity, real estate, and real asset funds, distributions are made when sales of assets within these funds are made, and the investment cycle for these funds can be as long as 15 to 20 years. These restrictions may limit MIT's ability to respond quickly to changes in market conditions. However, MIT does have various sources of liquidity at its disposal. Refer to Note E for further details. Details on the remaining unfunded commitments and current redemption terms and restrictions by asset class and type of investment are provided below in Table 8 as of June 30, 2025, and 2024.

TABLE 8. UNFUNDED COMMITMENTS AND REDEMPTION TERMS AND RESTRICTIONS

	2025		2024			
(in thousands of dollars)	Unfunded Commitments	Fair Value	Unfunded Commitments	Fair Value	Redemption Terms[1]	Days Notice
Equity:						
Absolute return[2]	$ 102,421	$ 5,681,712	$ 91,761	$ 4,943,175	Ranges from daily to 37 months[4]	0 to 365 days
Domestic	1,721	2,281,241	29,546	2,540,222	Ranges from daily to 48 months[4]	30 to 120 days
Foreign[3]	18,728	2,903,852	-	2,012,138	Ranges from daily to 37 months[4]	0 to 180 days
Private	2,368,530	12,610,634	2,736,211	11,284,910	Close-ended funds not available for redemption	Not redeemable
Real estate	566,211	1,730,387	634,273	1,580,242	Close-ended funds not available for redemption	Not redeemable
Real assets	22,707	238,199	18,551	277,784	13 months[4]	90 days
Total	**$ 3,080,318**	**$ 25,446,025**	**$ 3,510,342**	**$ 22,638,471**		

[1] The "Redemption Terms" column reflects the time required to redeem excluding any lockup restrictions. Footnotes 2 and 3 below disclose the longest remaining lockup period for each asset class as of June 30.

[2] Absolute return funds include funds that have remaining lock-up provisions up to 34 months.

[3] Foreign funds include funds that have remaining lock-up provisions up to 60 months.

[4] Includes funds that are not available for redemption.

C. Derivative Financial Instruments and Collateral

For its investment management, MIT uses a variety of financial instruments with off-balance-sheet risk involving contractual or optional commitments for future settlement. MIT uses these instruments primarily to manage or hedge its exposure to extreme market events and fluctuations in asset classes or currencies. Instruments utilized include fixed income, currency and equity futures, options, and swaps. The risks of these instruments, to varying degrees, include the possibility for imperfect correlation between the change in the market value of assets being hedged and the prices of the derivative or hedge instruments, and interest, credit market, liquidity, and counterparty risk.

To manage the counterparty risk, MIT requires collateral to the maximum extent possible under normal trading practices. Collateral is moved on a daily basis as required by fluctuations in the market. The collateral is generally in the form of debt obligations issued by the U.S. Treasury or cash. In the event of counterparty default, MIT has the right to use the collateral to offset the loss associated with the replacement of the agreements. Maximum risk of loss from counterparty credit risk on over-the-counter derivatives is generally the aggregate unrealized appreciation in excess of any collateral pledged by the counterparty. ISDA (International Swaps and Derivatives Association) Master Agreements under which many derivatives are traded allow MIT or the counterparties to an over-the-counter derivative to terminate the contract prior to maturity in the event either party fails to meet the terms in the ISDA Master Agreements. This would cause an accelerated payment of net liability, if owed to the counterparty.

MIT enters into arrangements only with counterparties believed to be creditworthy. On June 30, 2025, and 2024, cash collateral and certain securities owned by MIT were held at counterparty brokers to collateralize these positions and are included in investments in the Consolidated Statements of Financial Position.

Derivatives held by limited partnerships and commingled investment vehicles pose no off-balance-sheet risk to MIT due to the limited liability structure of these investments.

The net fair value related to derivatives for the years ended June 30, 2025, and 2024, were short $10.8 million and $0.5 million, respectively. Net losses related to derivatives totaled $203.8 million and $146.2 million for the years ended June 30, 2025, and 2024, respectively. The average net notional related to derivatives for the years ended June 30, 2025, and 2024, were short $2.5 billion and short $777.7 million, respectively.

Please refer to Note F for information regarding MIT's Series J interest rate swap.

D. Pledges Receivable

Table 9 below shows the time periods in which pledges receivable as of June 30, 2025, and 2024, are expected to be realized.

TABLE 9. PLEDGES RECEIVABLE

(in thousands of dollars)	2025	2024
In one year or less	$ 278,377	$ 325,313
Between one year and five years	318,596	316,685
More than five years	104,597	135,226
Less: allowance for unfulfilled pledges	(69,841)	(150,320)
Pledges receivable, net	**$ 631,729**	**$ 626,904**

A review of pledges is conducted periodically regarding collectability. As a result, the allowance for unfulfilled pledges is adjusted, and some pledges have been cancelled and are no longer recorded in the financial statements.

Pledge discounts of $91.9 million and $145.1 million for the years ended June 30, 2025, and 2024, respectively, were calculated using rates ranging from 4.0 percent to 5.4 percent. MIT had gross conditional pledges, not recorded, for the promotion of education and research of $65.9 million and $107.2 million in fiscal 2025 and 2024, respectively. Conditional pledges are classified into the following categories: foundation grants, fundraising challenges, other commitments, and building construction.

Table 10 below shows the breakout of conditional pledge amounts as of June 30, 2025, and 2024.

TABLE 10. CONDITIONAL PLEDGES

(in thousands of dollars)	2025	2024
Foundation Grants	$ 29,339	$ 28,914
Fundraising Challenge	22,121	22,471
Other	14,401	15,038
Building Construction	-	40,746
Total conditional pledges	**$ 65,861**	**$ 107,169**

Table 11 below is a rollforward of pledges receivable as of June 30, 2025, and 2024.

TABLE 11. ROLLFORWARD OF PLEDGES RECEIVABLE

(in thousands of dollars)	2025	2024
Balance at beginning of the year	$ 626,904	$ 611,187
New pledges	76,081	272,144
Pledge payments received	(204,993)	(236,070)
Change in pledge discount	53,257	(29,382)
Change in allowance for unfulfilled pledges	80,480	9,025
Balance at the end of the year	**$ 631,729**	**$ 626,904**

E. Liquidity

Table 12 below details the Institute's financial assets and resources available to meet cash needs for general expenditures within one year of the date of the Consolidated Statements of Financial Position.

TABLE 12. LIQUIDITY AND AVAILABILITY OF RESOURCES

(in thousands of dollars)	2025	2024
Financial assets:		
Cash and liquid operating investments	$ 2,954,165	$ 2,234,089
Accounts receivable	335,648	306,844
Pledges receivable	170,257	144,019
Investments appropriated for spending in the following year	1,444,368	1,379,171
Total financial assets available within one year	**$ 4,904,438**	**$ 4,064,123**

As part of MIT's liquidity management strategy, financial assets are structured to be available as its general expenditures, liabilities, and other obligations come due. MIT invests its working capital, which is comprised of cash and capital project funds in excess of daily requirements, in various investment vehicles. To help manage unanticipated liquidity needs, MIT expanded its line of credit from $500.0 million to $1.0 billion in June 2025, consisting of an extension of the existing $500.0 million facility to June 2028 and a new $500.0 million facility maturing in June 2026. The lines were undrawn as of June 30, 2025, and 2024.

F. Net Borrowings

MIT's outstanding borrowings as of June 30, 2025, and 2024, are shown in Table 13 below.

TABLE 13. NET BORROWINGS

(in thousands of dollars / due dates are calendar based / par values as of 2025)	2025	2024
Educational plant		
Massachusetts Health and Educational Facilities Authority (MassDevelopment)		
Series I, 5.20%, due 2028, par value $30,000	$ 30,141	$ 30,199
Series J-1, variable rate, due 2031, par value $125,000	125,000	125,000
Series J-2, variable rate, due 2031, par value $125,000	125,000	125,000
Series K, 5.5%, due 2032, par value $121,500	125,171	125,600
Series L, 5.25%, due 2033, par value $64,215	67,317	67,633
Series M, 5.25%, due 2024-2030, par value $68,760	57,821	70,654
Series P, 5.0%, due 2050, par value $136,055	197,558	200,017
Total MassDevelopment	**$ 728,008**	**$ 744,103**
Taxable		
Medium Term Notes Series A, 7.125%, due 2026, par value $17,415	17,410	17,406
Medium Term Notes Series A, 7.25%, due 2096, par value $45,604	45,494	45,489
Taxable Bonds, Series B, 5.60%, due 2111, par value $750,000	747,301	747,270
Taxable Bonds, Series C, 4.678%, due 2114, par value $550,000	550,000	550,000
Taxable Bonds, Series D, 3.308-3.959%, due 2026-2038, par value $456,000	456,000	456,000
Taxable Bonds, Series E, 3.885%, due 2116, par value $500,000	500,000	500,000
Taxable Bonds, Series F, 2.989%, due 2050, par value $525,000	545,736	546,566
Taxable Bonds, Series G, 2.294%, due 2051, par value $350,000	350,000	350,000
Taxable Bonds, Series H, 3.067%, due 2052, par value $500,000	500,000	500,000
Taxable Bonds, Series Q, 5.618%, due 2055, par value $750,000	750,000	-
Total taxable	**$ 4,461,941**	**$ 3,712,731**
Total educational plant*	**$ 5,189,949**	**$ 4,456,834**
Consolidated entity debt	**$ 590**	**$ 1,200**
Total borrowings	**$ 5,190,539**	**$ 4,458,034**
Unamortized bond issuance costs	(30,485)	(27,638)
Total borrowings net of unamortized debt issuance costs	**$ 5,160,054**	**$ 4,430,396**

** Proceeds from recent issuances were in the process of being invested in physical assets in 2025 and 2024 with unused balances held in investments.*

F. Net Borrowings (continued)

The aggregate amounts of debt payments and sinking fund requirements for each of the next five fiscal years are shown in Table 14 below.

TABLE 14. DEBT PRINCIPAL OBLIGATIONS

(in thousands of dollars)

2026	$	13,030
2027		103,415
2028		30,000
2029		13,715
2030		14,435

As of June 30, 2025, MIT had undrawn lines of credit with a major financial institution for an aggregate commitment of $1.0 billion. This includes a new $500.0 million line of credit secured in June 2025 (maturing in June 2026), and an existing $500.0 million line of credit, for which the maturity was extended to June 2028.

Cash paid for interest on long-term debt in fiscal 2025 and fiscal 2024 was $179.6 million and $182.4 million, respectively.

Variable interest rates as of June 30, 2025, are shown in Table 15 below.

TABLE 15. VARIABLE INTEREST RATES

(in thousands of dollars)	Amount	Rate
MassDevelopment Series J-1	$ 125,000	2.80%
MassDevelopment Series J-2	125,000	2.11%

In the event that MIT receives notice of any optional tender on its Series J-1 and Series J-2 variable-rate bonds, or if these bonds become subject to mandatory tender, the purchase price of the bonds will be paid from the remarketing of such bonds. However, if the remarketing proceeds are insufficient, MIT will be obligated to purchase the bonds tendered at 100.0 percent of par on the tender date. In the event that MIT is obligated to purchase the bonds, cash on hand or liquidation of short-term investments from operating funds would be used as a source of funds.

MIT maintains an interest rate swap agreement to manage the interest cost and risk associated with a portion of the variable rate debt included in Table 15 above. Under the agreement, MIT pays a fixed rate of 4.91 percent and receives a payment indexed to the Securities Industry and Financial Market Association (SIFMA) index on a notional amount of $125.0 million. The notional amount of this derivative is not recorded on MIT's Consolidated Statements of Financial Position. As of June 30, 2025, and 2024, the swap agreement had fair values of ($15.3) million and ($15.6) million, respectively, included in the accounts payable, accruals, and other liabilities line item on the Consolidated Statements of Financial Position. Fair value is measured using Level 2 inputs as defined in Note B. This swap had net gains of $0.3 million and $1.7 million in fiscal 2025 and 2024, respectively.

G. Commitments and Contingencies

Federal Government Funding

MIT receives funding or reimbursement from federal agencies for sponsored programs under government grants and contracts. These grants and contracts provide for reimbursement of indirect costs. MIT's indirect cost reimbursements for sponsored research activities are based on rates negotiated with the Office of Naval Research (ONR), MIT's cognizant federal agency. Indirect research rates are based on fixed rates with carryforward of under- or over-recoveries. MIT recorded a net under-recovery of $51.0 million and $94.0 million as of June 30, 2025, and 2024, respectively. The net under-recovery of $51.0 million as of June 30, 2025, includes an under-recovery related to on-campus research of $64.6 million offset by a net over-recovery of $13.6 million for off-campus research. The net under-recovery of $94.0 million as of June 30, 2024, includes an under-recovery related to on-campus research of $84.6 million and an under-recovery for off-campus research of $9.4 million. The Institute had a reserve against on-campus under-recovery in the amount of $64.6 million and $84.6 million as of June 30, 2025, and 2024, respectively, to reflect that MIT may not, over time, fully recover the on-campus under-recovery.

The Defense Contract Audit Agency (DCAA) is responsible for auditing indirect charges to research grants and contracts in support of ONR's negotiating responsibility. The Institute's rates have been audited by DCAA through fiscal 2023, and the audit for fiscal 2024 is in progress. ONR has completed negotiations of final rates through fiscal 2023 and forward pricing rates through fiscal 2026.

Leases

The Institute is the lessee of space under operating (rental) leases with contractual terms longer than 12 months. The Institute determines whether a contract is a lease at inception. Identified leases are subsequently measured, classified, and recognized at lease commencement. The Institute's leases generally have terms that range from 1 to 15 years for property, with certain leases inclusive of renewal options if they are considered to be reasonably assured at lease commencement. Right-of-use assets and lease liabilities for operating leases are included in the operating leases - right-of-use assets and operating lease liabilities line items, respectively, in the Consolidated Statements of Financial Position. Lease assets represent our right to use an underlying asset for the lease term, and lease liabilities represent our obligation to make lease payments arising from the lease.

Operating lease right-of-use assets and associated lease liabilities are recognized based on the present value of future minimum lease payments to be made over the expected lease term, using the incremental borrowing rate at the commencement date in determining the present value of future payments. Rent expense related to operating leases, including short-term leases, was $69.3 million and $44.7 million in fiscal 2025 and fiscal 2024, respectively.

Future minimum lease payments with a reconciliation to the operating lease liabilities number in the Consolidated Statements of Financial Position as of June 30, 2025, are shown below.

TABLE 16. ANNUAL MINIMUM LEASE

(in thousands of dollars)

2026	$	69,470
2027		68,637
2028		65,783
2029		50,924
2030		46,610
Thereafter		219,603
Total minimum lease payments		521,027
Less: Amount representing interest		(90,565)
Present value of net minimum lease payments	$	430,462

The lease cost and other required information for the year ended June 30, 2025, and 2024, are shown below:

TABLE 17. QUANTITATIVE DISCLOSURES

(in thousands of dollars)	2025	2024
Accretion of the lease liability	$ 139,054	$ 47,397
Operating cash flows from operating leases*	$ 66,531	$ 43,872
Weighted-average remaining lease term in years	9.1	5.8
Weighted-average discount rate	3.5%	1.6%

** Lease costs are reported in utilities, rent, and repairs in the Consolidated Statement of Activities.*

Assets Pledged as Collateral

As of June 30, 2025, and 2024, $0.3 million and $0.8 million of assets, respectively, were pledged as collateral to various suppliers and government agencies. This is classified as restricted cash on the Consolidated Statements of Cash Flows.

G. Commitments and Contingencies (continued)

Future Construction

As of June 30, 2025, MIT had contractual obligations of approximately $187.6 million in connection with educational plant construction projects. It is expected that the resources to satisfy these commitments will be provided from unexpended plant funds, anticipated gifts, bond proceeds, and funds without donor restrictions.

MIT has also made commitments related to the development of its commercial real estate holdings in Kendall Square and to the enhancement of its East Campus gateway. As of June 30, 2025, the outstanding commitments included approximately $56.3 million of contractual obligations related to the Kendall Square Initiative, $113.5 million related to Kendall Common, and $4.8 million related to other commercial real estate projects. In 2017, MIT and the federal government entered into an agreement whereby MIT agreed to construct a new transportation center on 4 of the 14 acres of federally owned land located at the John A. Volpe National Transportation Systems Center site in Kendall Square in exchange for the fee interest to and the right to redevelop the adjacent 10 acres of land. MIT has invested a total of $748.5 million in the project. Costs incurred for construction of the new facility and in completion of the final exchange, which are included in investments, were $270.6 million in fiscal 2024. The exchange was completed in January of 2024 upon completion of the construction of the new facility by delivery of the building with a cost to MIT of $529.5 million and cash of $219.0 million. The Volpe property was then marked-to-market and is carried at fair value in investments as of June 30, 2025, and 2024.

General

MIT has entered into agreements, including collaborations with third-party not-for-profit and for-profit entities, for education, research, and technology transfers. Some of these agreements involve funding from foreign governments. These agreements subject MIT to greater financial risk than do its normal operations. In the opinion of management, the likelihood of realization of increased financial risks by MIT under these agreements is remote.

MIT is subject to certain other legal proceedings and claims that arise in the normal course of operations. In the opinion of management, the ultimate outcome of these actions will not have a material effect on MIT’s financial position.

H. Functional Expense Classification

MIT's expenditures on a functional basis for the years ended June 30, 2025, and 2024, are shown in Table 18 below.

TABLE 18. EXPENDITURES BY FUNCTIONAL CLASSIFICATION

(in thousands of dollars)	General and administrative	Instruction and unsponsored research	Sponsored research	Total
Fiscal Year 2025				
Compensation	$ 673,285	$ 775,150	$ 1,178,111	$ 2,626,546
Other operating	153,525	633,336	801,311	1,588,172
Space-related	246,080	259,697	226,413	732,190
2025 Total	**$ 1,072,890**	**$ 1,668,183**	**$ 2,205,835**	**$ 4,946,908**
Fiscal Year 2024				
Compensation	$ 559,934	$ 736,573	$ 1,136,985	$ 2,433,492
Other operating	144,894	594,929	734,999	1,474,822
Space-related	211,387	235,623	230,865	677,875
2024 Total	**$ 916,215**	**$ 1,567,125**	**$ 2,102,849**	**$ 4,586,189**

Expenses are presented by functional classification in alignment with the overall mission of the Institute. Each functional classification displays all expenses related to the underlying operation by natural classification. Natural expenses attributable to more than one functional expense category are allocated using reasonable cost allocation techniques. Depreciation and utilities, rent, and repair expenses are allocated directly and/or based on square footage. Interest expense on indebtedness is allocated to the functional categories that have benefited from the proceeds of the associated debt.

I. Retirement Benefits

MIT offers a defined benefit pension plan and a defined contribution plan to its employees. The plans cover substantially all MIT employees.

MIT also offers a retiree welfare benefit plan (certain healthcare and life insurance benefits) for retired employees. Substantially all MIT employees may become eligible for those benefits if they reach a qualifying retirement age while working for MIT. The healthcare component of the welfare plan is paid for in part by retirees, their covered dependents, and beneficiaries. Benefits are provided through various insurance companies whose charges are based either on the claims and administrative expenses paid during the year or annual insured premiums. The life insurance component of the welfare plan includes basic life insurance and supplemental life insurance. The basic life insurance plan is non-contributory and covers the retiree only. The supplemental life insurance plan is paid for by the retiree. MIT maintains a trust to pay for the retiree welfare benefit plan.

MIT contributes to the defined benefit pension plan amounts that are actuarially determined to provide the retirement plan with sufficient assets to meet future benefit requirements. There were no designated contributions to the defined benefit pension plan and the retiree welfare benefit plan for fiscal 2025 and fiscal 2024. For the defined contribution plan, the amounts contributed by MIT and expenses recognized during fiscal 2025 and fiscal 2024 were $89.5 million and $83.7 million, respectively.

For purposes of calculating net periodic benefit cost, plan amendments for the defined benefit pension plan are amortized on a straight-line basis over the average future service of active participants at the date of the amendment. Plan amendments to the retiree welfare benefit plan are amortized on a straight-line basis over the average future service to full eligibility of active participants at the date of amendment.

Cumulative gains and losses (including changes in assumptions) more than 10.0 percent of the greater of the benefit obligation or the market-related value of assets for both the defined benefit pension plan and the retiree welfare benefit plan are amortized over the average future service of active participants. MIT accelerates recognition of cumulative gains or losses to the extent that the unrecognized balance partially or fully offsets the preliminary net periodic benefit cost or income calculated prior to this accelerated amount. In no event shall the annual amortization be less than the total amount of unrecognized gains and losses up to $1.0 million.

I. Retirement Benefits (continued)

Components of Net Periodic Benefit Cost

Table 19 below summarizes the components of net periodic benefit cost recognized in net results and other amounts recognized in other revenues, gains, and losses without donor restrictions for the years ended June 30, 2025, and 2024.

TABLE 19. COMPONENTS OF NET PERIODIC BENEFIT COST AND OTHER AMOUNTS RECOGNIZED IN OTHER REVENUES, GAINS, AND LOSSES

	Defined Benefit Pension Plan		Retiree Welfare Benefit Plan	
(in thousands of dollars)	2025	2024	2025	2024
Components of net periodic benefit cost recognized in net results:				
Service cost	$ 119,503	$ 110,231	$ 28,262	$ 29,313
Interest cost	283,236	254,078	40,888	38,643
Expected return on plan assets	(411,426)	(391,526)	(68,032)	(64,763)
Amortization of net actuarial (gain)	(1,000)	(15,323)	(19,251)	(19,605)
Amortization of prior service cost	347	347	1,646	1,646
Special/contractual termination benefits	2,837	-	479	-
Net periodic benefit (income) recognized in net results	(6,503)	(42,193)	(16,008)	(14,766)
Other amounts recognized in other revenues, gains and losses:				
Current year actuarial (gain) loss	(549,454)	93,816	(206,286)	(47,094)
Amortization of actuarial gain	1,000	15,323	19,251	19,605
Amortization of prior service (cost)	(347)	(347)	(1,646)	(1,646)
Total other amounts recognized in other revenues, gains and losses	(548,801)	108,792	(188,681)	(29,135)
Total recognized	**$ (555,304)**	**$ 66,599**	**$ (204,689)**	**$ (43,901)**

Cumulative amounts recognized in net assets without donor restrictions are summarized in Table 20 below for the years ended June 30, 2025, and 2024.

TABLE 20. CUMULATIVE AMOUNTS RECOGNIZED IN NET ASSETS WITHOUT DONOR RESTRICTION

	Defined Benefit Pension Plan		Retiree Welfare Benefit Plan	
(in thousands of dollars)	2025	2024	2025	2024
Amounts recognized in net assets without donor restrictions consist of:				
Net actuarial (gain)	$ (856,696)	$ (308,242)	$ (444,278)	$ (257,243)
Prior service cost	1,554	1,901	9,372	11,018
Total cumulative amounts recognized in net assets without donor restrictions	**$ (855,142)**	**$ (306,341)**	**$ (434,906)**	**$ (246,225)**

I. Retirement Benefits (continued)

Benefit Obligations and Fair Value of Assets

Table 21 below summarizes the benefit obligations, plan assets, and amounts recognized in the Consolidated Statements of Financial Position for MIT's retirement benefit plans. MIT uses a June 30 measurement date for its defined benefit pension plan and retiree welfare benefit plan.

The projected benefit obligation for the defined benefit pension plan, as shown in Table 21, was $5,115.9 million and $4,980.8 million as of June 30, 2025, and 2024, respectively. Another measure of the plan's liabilities is the accumulated benefit obligation. While the projected benefit obligation factors in future salary increases, the accumulated benefit obligation does not. The accumulated benefit obligation of MIT's defined benefit pension plan was $4,985.3 million and $4,845.6 million as of June 30, 2025, and 2024, respectively.

The actuarial gains reflected in 2025 are due to a higher discount rate for the defined benefit pension plan and updated healthcare cost and reimbursement assumptions for the retiree welfare benefit plan.

MIT provides retiree drug coverage through an Employer Group Waiver Plan (EGWP). Under an EGWP, the cost of drug coverage is offset through direct federal subsidies, brand-name drug discounts, and reinsurance reimbursements.

TABLE 21. BENEFIT OBLIGATIONS* AND FAIR VALUE OF ASSETS

	Defined Benefit Pension Plan		Retiree Welfare Benefit Plan	
(in thousands of dollars)	2025	2024	2025	2024
Change in benefit obligations*:				
Benefit obligations* at beginning of year	$ 4,980,844	$ 4,570,000	$ 688,056	$ 661,227
Service cost	119,503	110,231	28,262	29,313
Interest cost	283,236	254,078	40,888	38,643
Retiree contributions	-	-	13,786	12,385
Net benefit payments, transfers, and other expenses	(210,372)	(194,765)	(61,847)	(51,934)
Employer Group Waiver Plan (EGWP) reimbursement	-	-	16,145	12,973
Assumption changes and actuarial net (gain) loss	(60,121)	241,300	(122,574)	(14,551)
Special/contractual termination benefits	2,837	-	479	-
Benefit obligations* at end of the year	**5,115,927**	**4,980,844**	**603,195**	**688,056**
Change in plan assets:				
Fair value of plan assets at beginning of the year	5,548,970	5,204,725	985,479	914,749
Actual return on plan assets	900,759	539,010	151,744	97,306
Employer Group Waiver Plan (EGWP) reimbursement	-	-	16,145	12,973
Retiree contributions	-	-	13,786	12,385
Net benefit payments, transfers, and other expenses	(210,372)	(194,765)	(61,847)	(51,934)
Fair value of plan assets at end of the year	**6,239,357**	**5,548,970**	**1,105,307**	**985,479**
Funded status at end of the year	**1,123,430**	**568,126**	**502,112**	**297,423**
Amounts recognized in the Consolidated Statements of Financial Position consist of:				
Net asset position	**$ 1,123,430**	**$ 568,126**	**$ 502,112**	**$ 297,423**

**The benefit obligation for the defined benefit pension plan is the Projected Benefit Obligation (PBO); for the retiree welfare benefit plan it is the Accumulated Postretirement Benefit Obligation (APBO).*

I. Retirement Benefits (continued)

Assumptions for Financial Parameters and Healthcare Trend Rates

Table 22 below summarizes assumptions and healthcare trend rates. The expected long-term rate-of-return assumption represents the expected average rate of earnings on the funds invested, or to be invested, to provide for the benefits included in the benefit obligation. The long-term rate-of-return assumption is determined based on several factors, including historical market index returns, the anticipated long-term asset allocation of the plans, historical plan return data, plan expenses, and the potential to outperform market index returns.

TABLE 22. ASSUMPTIONS

	Defined Benefit Pension Plan		Retiree Welfare Benefit Plan	
(in thousands of dollars)	2025	2024	2025	2024
Assumptions used to determine benefit obligation as of June 30:				
Discount rate	5.77%	5.68%	5.81%	5.84%
Rate of compensation increase*	5.50%	5.50%		
Pension increases for in-payment benefits**	3.00%/1.88%	3.38%/1.88%		
Cash balance interest crediting rate	6.00%	6.00%		
Assumptions used to determine net periodic benefit cost for the year ended June 30:				
Discount rate	5.68%	5.56%	5.84%	5.73%
Expected long-term return on plan assets	7.25%	7.25%	6.75%	6.75%
Rate of compensation increase	5.50%	7.00%/5.50%		
Cash balance interest crediting rate	6.00%	6.00%		
Assumed health care cost trend rates:				
Healthcare cost trend rate assumed for next year (pre-65/post-65/EGWP)***			7.50%/7.00%/18.00%	7.75%/7.25%/-17.58%
Ultimate health care cost trend rate (pre-65/post-65/EGWP)****			5.00%/5.00%/5.00%	5.00%/5.00%/5.00%
Year the rate reaches the ultimate trend rate			2031/2031/2029	2031/2031/2033

**As of June 30, 2025, salary increases are assumed to be 5.50% for fiscal years ending 2026 and beyond, the same as June 30, 2024.*

***As of June 30, 2025, the pension increase assumption for in-payment benefits is assumed to be 3.00% in 2025, grading down to 1.88% over 4 years, updated from June 30, 2024, assumption of 3.38% grading down to 1.88% over 5 years.*

****As of June 30, 2025, the healthcare cost trend for next year is assumed to be 7.50% for pre-65 costs, 7.00% for post-65 costs, and 18.00% for EGWP reimbursement.*

*****As of June 30, 2025, the ultimate healthcare cost trend is assumed to be 5.00% for pre- and post-65 costs and for EGWP reimbursements.*

Plan Investments

The investment objectives for the assets of the plans are to minimize expected funding contributions and to meet or exceed the rates of return assumed for plan funding purposes over the long term. The nature and duration of benefit obligations, along with assumptions concerning asset class returns and return correlations, are considered when determining an appropriate asset allocation to achieve the investment objectives.

Investment policies and strategies governing the assets of the plans are designed to achieve investment objectives within prudent risk parameters. Risk management practices include the use of external investment managers, the maintenance of a portfolio diversified by asset class, investment approach, security holdings, and the maintenance of sufficient liquidity to meet benefit obligations as they come due.

I. Retirement Benefits (continued)

Tables 23A and 23B present investments at fair value of MIT's defined benefit pension plan and retiree welfare benefit plan, which are included in fair value of plan assets as of June 30, 2025, and 2024, grouped by the valuation hierarchy detailed in Note B. The investment values in these tables exclude certain items included in the assets and liabilities shown in Table 21.

TABLE 23A. DEFINED BENEFIT PENSION PLAN INVESTMENTS

(in thousands of dollars)	Level 1	Level 2	Level 3	NAV	Total Fair Value
Fiscal Year 2025					
Cash and short-term investments	$ 278,950	$ 1,300	$ -	$ -	$ 280,250
US Treasury	299,962	119,386	-	-	419,348
US government agency	-	59,441	-	-	59,441
Domestic bonds	-	14	-	-	14
Common equity:					
Domestic	401,706	-	1,577	-	403,283
Foreign	444,410	41,093	3,975	-	489,478
Equity:*					
Absolute return	-	-	-	850,431	850,431
Domestic	-	-	-	534,283	534,283
Foreign	-	-	-	631,537	631,537
Private	-	-	12,143	2,267,823	2,279,966
Real estate*	1,804	-	-	386,262	388,066
Real assets*	-	-	73	56,524	56,597
Other	3,641	-	100	-	3,741
Derivatives	-	18,245	-	-	18,245
Total plan investment assets	**$ 1,430,473**	**$ 239,479**	**$ 17,868**	**$ 4,726,860**	**$ 6,414,680**
Liabilities associated with investments					
Investments sold, but not yet purchased	(161,479)	-	-	-	(161,479)
Other liabilities	(4,430)	(6,960)	-	-	(11,390)
Total plan investment liabilities	**(165,909)**	**(6,960)**	**-**	**-**	**(172,869)**
Total plan investments	**$ 1,264,564**	**$ 232,519**	**$ 17,868**	**$ 4,726,860**	**$ 6,241,811**
Fiscal Year 2024					
Cash and short-term investments	$ 134,925	$ 3,100	$ -	$ -	$ 138,025
US Treasury	473,126	-	-	-	473,126
US government agency	-	67,778	-	-	67,778
Domestic bonds	-	13	-	-	13
Common equity:					
Domestic	322,282	-	-	-	322,282
Foreign	400,472	16,732	2,867	-	420,071
Equity:*					
Absolute return	-	-	-	759,274	759,274
Domestic	-	-	-	467,971	467,971
Foreign	-	-	-	527,793	527,793
Private	-	-	-	2,009,924	2,009,924
Real estate*	4	-	-	338,672	338,676
Real assets*	-	-	-	67,856	67,856
Other	3,001	-	1,577	-	4,578
Derivatives	-	8,636	-	-	8,636
Total plan investments assets	**$ 1,333,810**	**$ 96,259**	**$ 4,444**	**$ 4,171,490**	**$ 5,606,003**
Liabilities associated with investments					
Investments sold, but not yet purchased	(65,042)	-	-	-	(65,042)
Other liabilities	(2,131)	(1,761)	-	-	(3,892)
Total plan investment liabilities	**(67,173)**	**(1,761)**	**-**	**-**	**(68,934)**
Total plan investments	**$ 1,266,637**	**$ 94,498**	**$ 4,444**	**$ 4,171,490**	**$ 5,537,069**

** Equity, real estate, and real assets categories include commingled vehicles that invest in these types of investments.*

I. Retirement Benefits (continued)

TABLE 23B. RETIREE WELFARE BENEFIT PLAN INVESTMENTS

(in thousands of dollars)	Level 1	Level 2	Level 3	NAV	Total Fair Value
Fiscal Year 2025					
Cash and short-term investments	$ 46,698	$ 1,000	$ -	$ -	$ 47,698
US Treasury	84,453	37,165	-	-	121,618
US government agency	-	14,683	-	-	14,683
Domestic bonds	-	3	-	-	3
Common equity:					
Domestic	71,041	-	278	-	71,319
Foreign	78,312	7,252	702	-	86,266
Equity:*					
Absolute return	-	-	-	146,055	146,055
Domestic	-	-	-	87,075	87,075
Foreign	-	-	-	116,948	116,948
Private	-	-	2,142	352,342	354,484
Real estate*	318	-	-	65,669	65,987
Real assets*	-	-	-	9,297	9,297
Other	650	-	18	-	668
Derivatives	-	3,212	-	-	3,212
Total plan investment assets	**$ 281,472**	**$ 63,315**	**$ 3,140**	**$ 777,386**	**$ 1,125,313**
Liabilities associated with investments					
Investments sold, but not yet purchased	(25,371)	-	-	-	(25,371)
Other liabilities	(779)	(1,230)	-	-	(2,009)
Total plan investment liabilities	**(26,150)**	**(1,230)**	**-**	**-**	**(27,380)**
Total plan investments	**$ 255,322**	**$ 62,085**	**$ 3,140**	**$ 777,386**	**$ 1,097,933**
Fiscal Year 2024					
Cash and short-term investments	$ 30,569	$ -	$ -	$ -	$ 30,569
US Treasury	123,894	-	-	-	123,894
US government agency	-	17,671	-	-	17,671
Domestic bonds	-	2	-	-	2
Common equity:					
Domestic	57,126	-	-	-	57,126
Foreign	69,977	2,953	538	-	73,468
Equity:*					
Absolute return	-	-	-	131,447	131,447
Domestic	-	-	-	74,227	74,227
Foreign	-	-	-	101,660	101,660
Private	-	-	-	311,668	311,668
Real estate*	1	-	-	55,924	55,925
Real assets*	-	-	-	10,983	10,983
Other	536	-	278	-	814
Derivatives	-	1,521	-	-	1,521
Total plan investment assets	**$ 282,103**	**$ 22,147**	**$ 816**	**$ 685,909**	**$ 990,975**
Liabilities associated with investments					
Investments sold, but not yet purchased	(11,442)	-	-	-	(11,442)
Other liabilities	(376)	(310)	-	-	(686)
Total plan investment liabilities	**(11,818)**	**(310)**	**-**	**-**	**(12,128)**
Total plan investments	**$ 270,285**	**$ 21,837**	**$ 816**	**$ 685,909**	**$ 978,847**

** Equity, real estate, and real assets categories include commingled vehicles that invest in these types of investments.*

I. Retirement Benefits (continued)

The plans have made commitments to make periodic contributions in future periods to investments managed by external managers, and in other cases have entered into contractual arrangements that may limit their ability to initiate redemptions due to notice periods, lock-ups, and gates. Details on the remaining unfunded commitments and current redemption terms and restrictions by asset class and type of investment for both the defined benefit pension plan and retiree welfare benefit plan are provided in Table 24 below as of June 30, 2025, and 2024.

TABLE 24. UNFUNDED COMMITMENTS AND REDEMPTION TERMS AND RESTRICTIONS

	2025		2024			
(in thousands of dollars)	Unfunded Commitments	Fair Value	Unfunded Commitments	Fair Value	Redemption Terms[1]	Days Notice
Defined Benefit Pension Plan						
Equity:						
Absolute return[2]	$ 24,659	$ 850,431	$ 28,874	$ 759,274	Ranges from daily to 37 months[5]	20 to 730 days
Domestic[3]	387	534,283	387	467,971	Ranges from daily to 48 months[5]	30 to 120 days
Foreign[4]	-	631,537	-	527,793	Ranges from daily to 18 months[5]	20 to 120 days
Private	409,728	2,267,823	476,522	2,009,924	Close-ended funds not available for redemption	Not redeemable
Real estate	181,336	386,262	198,198	338,672	Close-ended funds not available for redemption	Not redeemable
Real assets	4,868	56,524	4,054	67,856	13 months[5]	90 days
Total	**$ 620,978**	**$ 4,726,860**	**$ 708,035**	**$ 4,171,490**		
Retiree Welfare Benefit Plan						
Equity:						
Absolute return[2]	$ 4,179	$ 146,055	$ 4,662	$ 131,447	Ranges from daily to 37 months[5]	20 to 730 days
Domestic[3]	43	87,075	43	74,227	Ranges from daily to 48 months[5]	30 to 120 days
Foreign[4]	-	116,948	-	101,660	Ranges from daily to 18 months[5]	20 to 120 days
Private	68,612	352,342	79,231	311,668	Close-ended funds not available for redemption	Not redeemable
Real estate	32,251	65,669	35,849	55,924	Close-ended funds not available for redemption	Not redeemable
Real assets	820	9,297	676	10,983	13 months[5]	90 days
Total	**$ 105,905**	**$ 777,386**	**$ 120,461**	**$ 685,909**		

[1] The "Redemption Terms" column reflects the time required to redeem excluding any lock-up restrictions. Footnotes 2-4 below disclose the longest remaining lock-up period for each asset class as of June 30.

[2] Absolute return funds include funds that have remaining lock-up provisions up to 12 months.

[3] Domestic funds include funds that have remaining lock-up provisions up to 10 months.

[4] Foreign funds include funds that have remaining lock-up provisions up to 1 month.

[5] Includes funds that are not available for redemption.

I. Retirement Benefits (continued)

Target allocations and weighted-average asset allocations of the investment portfolios for MIT's defined benefit pension plan and retiree welfare benefit plan as of June 30, 2025, and 2024, are shown in Table 25 below.

TABLE 25. PLAN INVESTMENT ALLOCATION

	Defined Benefit Pension Plan			Retiree Welfare Benefit Plan		
	2025 Target Allocation	2025	2024	2025 Target Allocation	2025	2024
Cash and short-term investments	0-10%	4%	2%	0-10%	4%	3%
Fixed income	3-13%	8%	10%	10-20%	13%	15%
Equities	41.5-88.5%	67%	67%	36.5-84%	63%	62%
Marketable alternatives	12-22%	14%	14%	12.5-22.5%	13%	13%
Real assets	0-6%	1%	1%	0-5.5%	1%	1%
Real estate	0.5-10.5%	6%	6%	0-8%	6%	6%
Total		**100%**	**100%**		**100%**	**100%**

Expected Future Benefit Payments

In fiscal 2026, MIT does not expect to contribute to its defined benefit pension plan or to the retiree welfare benefit plan as determined by their valuations. These valuations assume a 7.25 percent and 6.75 percent expected return on assets for the defined benefit pension plan and retiree welfare benefit plan, respectively. MIT elected to adopt Pri-2012 mortality tables for employees and retirees issued by the Society of Actuaries (SOA) with an experience adjustment multiplier of 0.8 to reflect MIT experience. Mortality rates are projected generationally from the base year of 2012 using Scale MP-2021.

Table 26 below reflects the total expected benefit payments for the defined benefit pension plan and retiree welfare benefit plan over the next ten years. These payments have been estimated based on the same assumptions used to measure MIT's benefit obligations as of June 30, 2025.

TABLE 26. EXPECTED FUTURE BENEFIT PAYMENTS

(in thousands of dollars)	Pension Benefits	Retiree Welfare Benefits*
2026	$ 231,359	$ 31,681
2027	256,674	33,902
2028	271,016	36,051
2029	283,817	37,992
2030	296,008	39,633
2031 - 2035	1,646,783	225,972

**Retiree Welfare Benefits reflect the total net benefits expected to be paid from the plans (e.g., gross benefit reimbursement offset by retiree contributions).*

I. Retirement Benefits (continued)

Derivative Financial Instruments

For investment management, the defined benefit pension and the retiree welfare benefit plans use a variety of financial instruments with off-balance-sheet risk involving contractual or optional commitments for future settlement. They use these instruments primarily to manage or hedge exposure to extreme market events and fluctuations in asset classes or currencies. Instruments utilized include fixed income, currency and equity futures, options, and swaps. The risks of these instruments, to varying degrees, include the possibility for imperfect correlation between the change in the market value of assets being hedged and the prices of the derivative or hedge instruments, as well as interest, credit market, liquidity, and counterparty risk.

Derivatives held by limited partnerships and commingled investment vehicles pose no off-balance-sheet risk to the plans due to the limited liability structure of these investments. The net fair value related to derivatives for the defined benefit pension plan for the years ended June 30, 2025, and 2024, were $11.3 million and $7.6 million, respectively. Net losses for the defined benefit pension plan related to derivatives totaled $9.8 million and $5.1 million for the years ended June 30, 2025, and 2024, respectively. The average net notional values related to derivatives for the defined benefit pension plan for the years ended June 30, 2025, and 2024, were short $94.8 million and short $72.0 million, respectively.

The net fair value for the retiree welfare benefit plan related to derivatives for the years ended June 30, 2025, and 2024, were $2.0 million and $1.3 million, respectively. Net losses for the retiree welfare benefit plan related to derivatives totaled $1.7 million and $0.9 million for the years ended June 30, 2025, and 2024, respectively. The average net notional for the retiree welfare benefit plan related to derivatives for the years ended June 30, 2025, and 2024, were short $16.8 million and short $12.2 million, respectively.

J. Components of Net Assets and Endowment

Tables 27A and 27B present the composition of net assets as of June 30, 2025, and June 30, 2024, respectively. The amounts listed in the without donor restrictions category under the endowment funds sections are those gifts and other funds received over the years that MIT designated as funds functioning as endowments and invested with the endowment funds. A large component of net assets with donor restrictions in other funds is pledges, the majority of which will be reclassified to net assets without donor restrictions when cash is received.

TABLE 27A. 2025 TOTAL NET ASSET COMPOSITION

(in thousands of dollars)	Without Donor Restrictions	With Donor Restrictions	Total
Endowment funds			
General purpose	$ 2,312,086	$ 2,754,572	$ 5,066,658
Departments and research	1,332,225	4,031,423	5,363,648
Library	21,505	95,623	117,128
Salaries and wages	1,081,995	6,403,379	7,485,374
Graduate general	159,345	493,499	652,844
Graduate departments	489,461	1,623,009	2,112,470
Undergraduate	499,478	2,902,566	3,402,044
Prizes	16,797	103,429	120,226
Miscellaneous	2,163,349	882,498	3,045,847
Endowment funds before pledges	8,076,241	19,289,998	27,366,239
Pledges	-	161,929	161,929
Total endowment funds	8,076,241	19,451,927	27,528,168
Other Funds			
Student-related loan funds	16,425	23,716	40,141
Building funds	57,945	17,281	75,226
Designated purposes:			
Departments and research	604,192	-	604,192
Other purposes	430,686	23,218	453,904
Life income funds and donor-advised funds	154,216	296,139	450,355
Pledges	-	469,799	469,799
Other funds available for current expenses	4,832,513	454,039	5,286,552
Retirement benefits overfunded	1,625,542	-	1,625,542
Funds for educational plant	1,141,858	-	1,141,858
Total other funds	8,863,377	1,284,192	10,147,569
Total net assets	**$ 16,939,618**	**$ 20,736,119**	**$ 37,675,737**

J. Components of Net Assets and Endowment (continued)

TABLE 27B. 2024 TOTAL NET ASSET COMPOSITION

(in thousands of dollars)	Without Donor Restrictions	With Donor Restrictions	Total
Endowment Funds			
General purpose	$ 2,108,647	$ 2,531,129	$ 4,639,776
Departments and research	1,189,900	3,626,231	4,816,131
Library	19,664	87,396	107,060
Salaries and wages	954,739	5,859,984	6,814,723
Graduate general	145,704	405,825	551,529
Graduate departments	429,446	1,455,528	1,884,974
Undergraduate	444,685	2,633,845	3,078,530
Prizes	15,358	91,467	106,825
Miscellaneous	1,899,274	673,894	2,573,168
Endowment funds before pledges	7,207,417	17,365,299	24,572,716
Pledges	-	142,314	142,314
Total endowment funds	7,207,417	17,507,613	24,715,030
Other Funds			
Student-related loan funds	16,744	23,718	40,462
Building funds	42,241	67,308	109,549
Designated purposes:			
Departments and research	578,762	-	578,762
Other purposes	374,501	17,665	392,166
Life income funds and donor-advised funds	130,273	259,518	389,791
Pledges	-	484,590	484,590
Other funds available for current expenses	4,467,622	397,561	4,865,183
Retirement benefits overfunded	865,549	-	865,549
Funds for educational plant	1,109,795	-	1,109,795
Total other funds	7,585,487	1,250,360	8,835,847
Total net assets	**$ 14,792,904**	**$ 18,757,973**	**$ 33,550,877**

MIT's endowment consists of approximately 4,800 individual funds established for a variety of purposes and includes both donor-restricted endowment funds and funds that function as endowments. As required by GAAP, net assets associated with endowment funds, including funds designated to function as endowments, are classified and reported based on the existence or absence of donor-imposed restrictions.

The Executive Committee has interpreted the Massachusetts-enacted version of the Uniform Prudent Management of Institutional Funds Act (UPMIFA) as allowing MIT to appropriate for expenditure or accumulate so much of an endowment fund as MIT determines is prudent for the uses, benefits, purposes, and duration for which the endowment fund is established, subject to the intent of the donor as expressed in the gift instrument. Unless stated otherwise in the gift instrument, the assets in an endowment fund shall be donor-restricted assets until appropriated for expenditure by the Executive Committee. In accordance with UPMIFA, the Executive Committee considers the following factors in deciding to appropriate or accumulate endowment funds:

i. the duration and preservation of the fund;
ii. the purposes of MIT and the endowment fund;
iii. general economic conditions;
iv. the possible effects of inflation and deflation;
v. the expected total return from income and the appreciation of investments;
vi. other resources of MIT; and
vii. the investment policies of MIT.

J. Components of Net Assets and Endowment (continued)

Table 28 below reflects changes in endowment net assets without and with donor restrictions for fiscal 2025 and fiscal 2024, respectively.

TABLE 28. CHANGES IN ENDOWMENT NET ASSETS

(in thousands of dollars)	Without Donor Restriction	With Donor Restriction	Total
Fiscal Year 2025			
Endowment net assets, July 1, 2024	$ 7,207,417	$ 17,507,613	$ 24,715,030
Investment return:			
Net Investment income	173,762	412,130	585,892
Realized and unrealized gains/(losses)	970,803	2,163,846	3,134,649
Total investment return	1,144,565	2,575,976	3,720,541
Contributions	-	200,126	200,126
Appropriation of endowment assets for expenditure	(369,958)	(860,297)	(1,230,255)
Net asset reclassifications and transfers	94,217	28,509	122,726
Endowment net assets, June 30, 2025	**$ 8,076,241**	**$ 19,451,927**	**$ 27,528,168**
Fiscal Year 2024			
Endowment net assets, July 1, 2023	$ 6,812,562	$ 16,802,844	$ 23,615,406
Investment return:			
Net Investment income	16,366	45,569	61,935
Realized and unrealized gains/(losses)	606,405	1,348,702	1,955,107
Total investment return	622,771	1,394,271	2,017,042
Contributions	-	182,723	182,723
Appropriation of endowment assets for expenditure	(349,302)	(817,295)	(1,166,597)
Net asset reclassifications and transfers	121,386	(54,930)	66,456
Endowment net assets, June 30, 2024	**$ 7,207,417**	**$ 17,507,613**	**$ 24,715,030**

J. Components of Net Assets and Endowment (continued)

Endowment Investment and Spending Policies

MIT's investment policy is based on the primary goal of maximizing return relative to appropriate risk such that performance exceeds appropriate benchmark returns at the total pool, asset class, and individual manager levels. To achieve its long-term rate-of-return objectives, MIT relies on a total return strategy in which investment returns are realized through both capital appreciation (realized and unrealized gains) and current yield (interest and dividends). MIT targets a diversified asset allocation that places greater emphasis on equity-based investments to achieve its long-term objectives within prudent risk constraints.

The Institute's primary investment pool, Pool A, is principally for endowment and funds functioning as endowment. The effective spending rates on pooled investment funds were 5.0 percent, or 4.9 percent on a three-year-average basis, and 5.0 percent, or 4.8 percent on a three-year-average basis, for fiscal 2025 and fiscal 2024, respectively.

Pool A operates as a mutual fund with units purchased and redeemed based on the previous month's unit market value. Certain endowed assets are also maintained in separately invested funds.

MIT has adopted spending policies designed to provide a predictable stream of funding to programs supported by its investments while maintaining the purchasing power of assets. For pooled investments, the Executive Committee of the Corporation votes to distribute funds for operational support from general investments. In accordance with MIT's spending policy, these distributions are funded from both investment income and market appreciation. The distribution rates were $129.81 and $124.63 per Pool A unit as of fiscal 2025 and fiscal 2024, respectively. For separately invested endowment funds, only the annual investment income generated is distributed for spending. For any underwater endowment funds, the distribution of funds for operational support is at the discretion of the Executive Committee.

SECTION II

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

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Massachusetts Institute of Technology
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2025

Federal Grantor/ Pass Through Grantor/ Program Title	Assistance Listing Number	Total $ Amount Expended	$ Amount Passed to Subrecipients
Research and Development			
U.S. Department of Defense:	12		
Air Force		$ 497,841,635	$ 37,100,622
Army		112,254,764	6,256,047
Classified		368,970,103	26,544,858
Combatant Commands		45,197,136	855,368
Defense Advance Research Project Agency		10,169,647	3,841,176
Navy		114,537,416	14,266,894
Office of the Secretary of Defense		226,624,278	11,967,353
Other DOD		103,481,549	3,876,060
Passthrough		52,161,248	8,000
Total Department of Defense		$ 1,531,237,776	$ 104,716,378
U.S. Department of Commerce	11	$ 12,010,487	$ 966,452
U.S. Department of Commerce - Passthrough	11	1,562,412	-
U.S. Department of Energy	81	77,235,634	8,357,304
U.S. Department of Energy - Passthrough	81	27,173,625	277,010
U.S. Department of Health and Human Services	93	179,274,399	52,429,682
U.S. Department of Health and Human Services - Passthrough	93	27,656,187	104,185
U.S. Department of Homeland Security	97	16,970,657	171,298
U.S. Department of Homeland Security - Passthrough	97	299,269	-
U.S. Department of Transportation	20	25,350,682	180,195
U.S. Department of Transportation - Passthrough	20	569,782	-
Miscellaneous Federal Government	Various	5,685,757	638,693
Miscellaneous Federal Government - Passthrough	Various	3,079,086	119,142
National Aeronautics & Space Administration	43	41,605,733	6,468,165
National Aeronautics & Space Administration - Passthrough	43	12,993,989	227,291
U.S. Agency for International Development	98	3,674,474	1,808,241
U.S. Agency for International Development - Passthrough	98	277,882	-
National Science Foundation	47	98,376,857	8,149,554
National Science Foundation - Passthrough	47	20,949,854	1,707,381
Total Research and Development	Appendix A	$ 2,085,984,542	$ 186,320,971

The accompanying notes are an integral part of this schedule.

Massachusetts Institute of Technology
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2025

Federal Grantor/ Pass Through Grantor/ Program Title	Assistance Listing Number	Total $ Amount Expended	$ Amount Passed to Subrecipients
Student Financial Assistance Cluster Expenditures			
U.S. Department of Education Cluster:			
Grants:			
Pell	84.063	$ 6,782,992	
Federal Supplemental Educational Opportunity	84.007	1,875,059	
Federal Work Study	84.033	1,782,295	
Federal Perkins Loan:	84.038		
Balance Outstanding as of July 1, 2024		3,911,296	
William D. Ford Federal Direct Loan Program:	84.268		
Direct Subsidized and Unsubsidized Loans		5,754,515	
Direct Plus Loan for Parents and for Graduate or Professional Students		11,183,277	
Total Student Financial Assistance Cluster		$ 31,289,434	
Economic Development Cluster			
U.S. Department of Commerce - Passthrough	11.307	$ 23,015	$ -
Total Economic Development Cluster		$ 23,015	$ -
Other Federal Expenditures:			
U.S. Department of Defense	Appendix B	$ 1,058,375	$ -
U.S. Department of Defense - Passthrough	Appendix C	2,156,718	-
U.S. Department of Energy	Appendix B	4,000	-
U.S. Department of Energy - Passthrough	Appendix C	709,078	-
U.S. Department of Health and Human Services - Passthrough	Appendix C	130,000	-
U.S. Department of Homeland Security - Passthrough	Appendix C	366,085	-
U.S. Department of Transportation	Appendix B	23,705	-
Miscellaneous Federal Government	Appendix B	106,735	-
Miscellaneous Federal Government - Passthrough	Appendix C	290,741	-
National Aeronautics & Space Administration - Passthrough	Appendix C	256,315	-
Total Other Federal Expenditures		$ 5,101,752	$ -
Total Federal Expenditures		$ 2,122,398,743	$ 186,320,971

The accompanying notes are an integral part of this schedule.

Massachusetts Institute of Technology
Notes to Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2025

1. Basis of Presentation

The accompanying schedule of expenditures of federal awards, including appendices A, B and C, (the "Schedule") summarize the expenditures of the Massachusetts Institute of Technology (the "Institute") under programs of the federal government for the year ended June 30, 2025. Because the Schedule presents only a selected portion of the activities of the Institute, it is not intended to and does not present the financial position, changes in net assets and cash flows of the Institute. The accompanying appendices A, B, and C provide detail on the federal awards expended by the Institute.

For purposes of the Schedule, federal awards include all grants, contracts and similar agreements entered into directly between the Institute and agencies and departments of the federal government and all subawards to the Institute by nonfederal organizations pursuant to federal grants, contracts and similar agreements. The information in this Schedule is presented in accordance with the provisions of the Office of Management and Budget's *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* ("Uniform Guidance"). Therefore, certain amounts presented in the Schedule may differ from amounts presented in, or used in preparation of, the consolidated financial statements. Assistance Listing Numbers ("AL") and pass-through numbers are provided when available. Negative amounts represent adjustments to amounts reported in prior years in the normal course of business.

2. Summary of Significant Accounting Policies for Federal Expenditures

Expenditures for direct costs are recognized as incurred using the accrual method of accounting and the cost accounting principles in OMB's Uniform Guidance or Federal Acquisition Regulations. Moreover, expenditures include a portion of costs associated with general Institute activities (facilities and administrative costs) which are allocated to awards under negotiated formulas commonly referred to as facilities and administrative rates.

The Institute applies its predetermined approved facilities and administrative rates when charging indirect costs to federal awards rather than the de minimis cost rates as described in Section 200.414 of the Uniform Guidance.

The Institute receives funding from federal government agencies for sponsored research under government grants and contracts. These grants and contracts provide for reimbursement of indirect costs based on rates negotiated with the Office of Naval Research ("ONR"), the Institute's cognizant federal agency. The Institute's indirect cost reimbursements are based on fixed rates with carryforward of under or over recoveries.

The Defense Contract Audit Agency ("DCAA") is responsible for auditing indirect charges to grants and contracts. The Institute has final audited rates through 2023 and negotiated fixed rates for indirect costs through the 2026 fiscal year.

Massachusetts Institute of Technology
Notes to Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2025

3. Federal Student Loan Programs

The Federal Perkins Loan Program (AL #84.038) is administered directly by the Institute and balances and transactions relating to this program are included in the Institute's consolidated financial statements. The balance of loans outstanding for this program at June 30, 2025 is $2,948,012.

The William D. Ford Federal Direct Loan Programs (AL #84.268) are not administered by the Institute and balances and transactions relating to these programs are not included in the Institute's consolidated financial statements.

4. Lincoln Laboratory

Lincoln Laboratory ("the Laboratory"), designated as a Federally Funded Research and Development Center ("FFRDC"), is a mission oriented, multidisciplinary laboratory. The Director of Lincoln Laboratory reports to MIT's Vice President of Research. The Laboratory is directly integrated into the Institute as part of its **r**esearch **l**aboratory system and the Laboratory's reporting relationship with the Institute is like that of any other MIT research laboratory. The Laboratory is charged with responsibility for producing contractual research products and services. MIT establishes policy for, and provides guidance to, the Laboratory and performs administrative and service functions in support of the operations of the Laboratory.

5. Northeast Radio Observatory Corporation

Northeast Radio Observatory Corporation ("NEROC") is a nonprofit consortium of educational and research institutions. NEROC's mission is to further research, education, and scientific collaboration in the field of radio science. By agreement, NEROC finances are directly integrated into the Institute to support the organization's sponsored **r**esearch; MIT establishes policy for and provides guidance to NEROC and performs administrative and service functions in support of the financial and grant-related operations of NEROC.

NEROC is consolidated within MIT's consolidated financial statements, and NEROC's federal expenditures are reported in MIT's Uniform Guidance report. NEROC's Employer Identification Number ("EIN") is 04-6156432, which is separate from MIT's EIN. Federal expenditures for both MIT's and NEROC's EINs are included in MIT's Uniform Guidance report.

Appendix A
Massachusetts Institute of Technology
Schedule of Expenditures of Federal Awards - Worksheet
Federal Research Support
FY 25 Expenditures

Sponsor	Campus Direct (Appendix A-1)	Lincoln Direct (Appendix A-2)	Lincoln Passthrough (Appendix A-2)	Campus Passthrough (Appendix A-3)	Total
Department of Defense:					
Air Force	$ 30,261,710	$ 467,579,925	$ 5,165,303	$ 12,315,247	$ 515,322,185
Army	27,170,573	85,084,191	477,974	7,350,488	120,083,226
Classified	-	368,970,103	-	-	368,970,103
Combatant Commands	-	45,197,136	-	-	45,197,136
Defense Advanced Research Project Agency	10,169,647	-	-	9,010,136	19,179,783
Navy	19,178,936	95,358,480	756,060	14,410,395	129,703,871
Office of the Secretary of Defence	-	226,624,278	341,981	-	226,966,259
Other Department of Defense	3,618,949	99,862,600	42,262	2,291,402	105,815,213
Total Department of Defense	90,399,815	1,388,676,713	6,783,580	45,377,668	1,531,237,776
Department of Commerce	3,005,550	9,004,937	707,218	855,194	13,572,899
Department of Energy	68,120,714	9,114,920	914,692	26,258,933	104,409,259
Department of Health & Human Services	167,569,827	11,704,572	293,927	27,362,260	206,930,586
Department of Homeland Security	464,363	16,506,294	-	299,269	17,269,926
Department of Transportation	4,649,678	20,701,004	-	569,782	25,920,464
Miscellaneous Federal Government:					
Department of Agriculture	597,447	-	-	156,304	753,751
Department of Education	(102,894)	-	-	-	(102,894)
Department of Interior	354,881	-	-	1,527,143	1,882,024
Department of Justice	-	3,047,348	-	-	3,047,348
Department of State	-	-	-	-	-
Other	1,002,666	786,309	240,483	1,155,156	3,184,614
Total Miscellaneous Federal Government	1,852,100	3,833,657	240,483	2,838,603	8,764,843
Nat'l Aeronautics & Space Administration	28,612,036	12,993,697	1,921,684	11,072,305	54,599,722
U.S. Agency for International Development	3,676,152	(1,678)	-	277,882	3,952,356
National Science Foundation	98,376,857	-	533,142	20,416,712	119,326,711
Total Federal Sponsors	**$ 466,727,092**	**$ 1,472,534,116**	**$ 11,394,726**	**$ 135,328,608**	**$ 2,085,984,542**

Note for Appendices A-1, A-3, B and C details:
- Contracts without Assistance Listing numbers were shown as ".RD" in the Assistance Listing # column for Reseach & Development and ".U00" for Non-R&D.
- Amounts less than 50 cents appear as zero due to rounding.

Appendix A1
Massachusetts Institute of Technology
Federal Research Support - On Campus
FY 2025 Expenditures

Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE					
Air Force					
Air Force	FA8750-19-2-1000	AI Accelerator	12.300	11,121,505	-
Air Force	FA8750-19-2-1000 _ RPP2022-14	AI Accelerator	12.300	1,174,745	-
Air Force	FA8750-20-2-1007	Integration of Strong Second-order Nonlinearities with Large-Scale Silicon Photonics	12.300	-8,868	-
Air Force	FA2386-21-1-4058	Novel Topological and Qubit Materials Platforms Created by Engineered hBN Substrates	12.800	18,158	-
Air Force	FA2386-24-1-4043	AFOSR-Taiwan NSTC Novel Materials and Nanostructure	12.800	29,349	-
Air Force	FA2386-24-1-4049	Optical Non-Linearity and Exciton Studies in novel 2D Janus Transition Metal Dichalcogenide and (Moiré) heterostructures	12.800	175,444	-
Air Force	FA8750-25-2-0500	Silicon-Based Quasi-Deterministic Entangled Photon Pair Source for Zero-Added-Loss Multiplexing	12.800	21,932	-
Air Force	FA9550-18-1-0436	(MURI) Empty State Electronics	12.800	-95,113	15,083
Air Force	FA9550-20-1-0066	(PECASE) Unraveling phonons at the atomic scale: a new tool to explore the science of thermal transport	12.800	214,269	-
Air Force	FA9550-20-1-0291	(PECASE) Guiding Thermal Catalytic Reactions with Interfacial Electric Fields	12.800	230,412	-
Air Force	FA9550-20-1-0429	Shock Propagation through Architectured PrintCast Composites	12.800	18,732	-
Air Force	FA9550-21-1-0058	(MURI) Prediction, Statistical Quantification and Mitigation of Extreme Events Caused by Exogenous Causes or Intrinsic Instabilities	12.800	532,178	192,883
Air Force	FA9550-21-1-0319	Topological Quantum Electronics and Optoelectronics in Moiré Superlattices	12.800	442,121	192,625
Air Force	FA9550-22-1-0024	Atomically precise exfoliation of single-crystalline oxide thin-films and its pyroelectric properties	12.800	268,937	237,371
Air Force	FA9550-22-1-0032	Ultrahigh Energy Electrochemical Power Systems Based on Safe Fluorinated Reactants	12.800	95,449	-
Air Force	FA9550-22-1-0051	New Electronic Topologies in Organic Electronic Materials	12.800	76,821	-
Air Force	FA9550-22-1-0066	Thermal transport in ultracold topological quantum matter	12.800	269,730	-
Air Force	FA9550-22-1-0166	Natural and Synthetic Non-Hermitian Quantum Materials	12.800	417,161	-
Air Force	FA9550-22-1-0207	Dissecting the physical principles that control the spatial organization of intracellular signaling	12.800	99,962	-
Air Force	FA9550-22-1-0249	Robust state estimation, information gathering, and behavior for autonomous systems in complex uncertain domains	12.800	231,852	-

Appendix A1
Massachusetts Institute of Technology
Federal Research Support - On Campus
FY 2025 Expenditures

Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Air Force	FA9550-22-1-0316	Rules of Composition in Synthetic Biology Across Scales of Complexity: Theory and Tools	12.800	1,267,400	393,134
Air Force	FA9550-22-1-0356	New Theory and New Computational Methods for Improving the Effectiveness of First-Order Methods in Optimization	12.800	150,284	-
Air Force	FA9550-22-1-0367	High Temperature III-Nitride Technology for RF and Pressure Sensors	12.800	409,117	-
Air Force	FA9550-22-1-0387	Learning to Learn Concepts as Programs: Hierarchical Bayes and Amortised Inference	12.800	248,391	-
Air Force	FA9550-22-1-0432	High Temperature, Scalable Flat Bands	12.800	1,599,917	136,547
Air Force	FA9550-22-1-0486	Dilution Refrigerator for Scalable Quantum Networks	12.800	203,329	-
Air Force	FA9550-22-1-0511	Systematic Analysis and Evaluation of Memory Corruption Attacks in the Spectre Era	12.800	41,153	-
Air Force	FA9550-23-1-0055	Extreme limits of diatom-enabled two-phase thermal management	12.800	331,718	85,955
Air Force	FA9550-23-1-0099	High Coverage and Low Cost Automatic Testing for Intelligent Autonomous Systems	12.800	30,220	-
Air Force	FA9550-23-1-0157	Photoluminescence characterization for developing new semiconductors for visible and infrared optoelectronics	12.800	562,927	-
Air Force	FA9550-23-1-0182	Dynamic Resource Allocations without Monetary Transfers	12.800	23,445	-
Air Force	FA9550-23-1-0190	Learning Algorithms for Autonomous Security in (Mixed-)Autonomous Networks	12.800	238,766	-
Air Force	FA9550-23-1-0194	Stability and optimal design of resilient ion electrospray thrusters	12.800	94,142	-
Air Force	FA9550-23-1-0210	DNA-Programmed Assembly of Hierarchical Mesoporous Materials	12.800	289,583	-
Air Force	FA9550-23-1-0284	Searching for what's new: the systematic development of dynamic x-ray microscopy	12.800	1,463,189	974,322
Air Force	FA9550-23-1-0382	Certifiable and Self-Supervised Category-Level Tracking	12.800	169,477	-
Air Force	FA9550-23-1-0399	Architectures for Cognitive Intelligence	12.800	669,611	-
Air Force	FA9550-23-1-0402	Fermionic Quantum Simulation and Computation	12.800	251,574	-
Air Force	FA9550-23-1-0474	Diagnostics of natural and manmade ionospheric disturbances over Ukraine	12.800	279,377	45,391
Air Force	FA9550-23-1-0517	The fear of missing out on information for reduced order modeling: A method for healthier data- and model- selection	12.800	29,038	-
Air Force	FA9550-23-1-0529	A synthetic biology programming language and foundational control theory with application to guided multicellular mammalian 3D shape shifters	12.800	1,161,796	800,624
Air Force	FA9550-23-1-0589	Multi-functional, survivable ELMs grown from programmable fungal-bacteria consortia	12.800	1,449,927	905,708
Air Force	FA9550-23-1-0695	Investigations of the tolerance of chalcogenide perovskite semiconductors for point defects	12.800	120,836	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Air Force	FA9550-23-1-0698	Advanced molecular measurements for fundamental research on rules of composition in synthetic biology	12.800	205,613	-
Air Force	FA9550-23-1-0744	Educational Games and Debuggers for Machine Learning	12.800	69,905	-
Air Force	FA9550-23-1-0761	Physics-Based Lifing Analysis of Rotating Detonation Thrust Chambers	12.800	161,514	-
Air Force	FA9550-24-1-0052	Fluorescence microscope enabling time-lapse tracking of compact, multistable gene circuits for cellular regeneration	12.800	-1,417	-
Air Force	FA9550-24-1-0067	Hierarchical Encoding of Material Geometry from the Angstrom to Millimeter Scale with Euclidean Neural Networks	12.800	127,368	-
Air Force	FA9550-24-1-0137	Quantum Computing – Robust Quantum Limited Isolation and Amplification with Traveling Wave Parametric Devices	12.800	154,406	-
Air Force	FA9550-24-1-0336	Monolithically 3D integrated 2D/3D heterostructures for multispectral remote sensing	12.800	194,472	6,656
Air Force	FA9550-24-1-0438	Molecular and Organizational Strategies for NextGen Electro/Magneto Materials	12.800	156,639	-
Air Force	FA8650-20-2-2002	Enhanced Computational Aircraft Prototype Syntheses (EnCAPS)	12.910	382,887	102,639
Air Force	FA8650-21-2-7120	Ingestible Transceiver-Actuatable Resident Gastrointestinal bioElectronic Therapeutic for Travelers Diarrhea (iTARGET-TD)	12.910	2,391,106	-
Air Force	FA8650-22-2-7220	Engineering Microorganisms to Incorporate Rare-Earth Elements into Optically Active Inorganic Nanoparticles	12.910	-776	-
		Total for Air Force		**30,261,710**	**4,088,938**
Army					
Army	HT94252410492	A Novel m-Health Balance Assessment and Rehabilitation of NF2 using Computer Vision and AI	12.420	210,249	-
Army	HT9425-25-1-0219	Tumor-targeted nanocarriers for effective immunomodulation of ovarian cancer	12.420	31,674	-
Army	W81XWH-19-1-0151	An Osseo-Neural Transtibial Prosthesis with Efferent-Afferent Neural Control	12.420	80,197	47,448
Army	W81XWH2010481	Cartilage Penetrating Nanocarrier-Drug Conjugate for Disease-Modifying Intervention in Post-Traumatic Osteoarthritis	12.420	452,717	-
Army	W81XWH2110439	Strain-Programmable Bioadhesive Patch for Accelerated Healing of Diabetic Ulcer	12.420	740,874	-
Army	W81XWH2110626	Rewiring suppressive tumor microenvironment signals for immune activation using T cells engineered with synthetic promoters	12.420	107,908	-
Army	W81XWH2110699	Elucidating the Mechanisms of Spotted Fever Group Rickettsia Pathogenesis	12.420	108,864	-
Army	W81XWH2110934	Partnering with patients to create a rare soft tissue sarcoma functional genomics platform as a community resource	12.420	133,654	43,311

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Army	W81XWH2210300	PR212255: Highly multiplexed detection of immune responses to emerging infectious diseases via lentiviral surface display	12.420	479,241	-
Army	W911NF-11-1-0400	Multi-Qubit Enhanced Sensing and Metrology	12.431	-986	-1,492
Army	W911NF-16-1-0034	Coupled Synthesis, Transport, and Magnetization Studies to Detect New Topological Phases	12.431	135,994	-
Army	W911NF1810432	Ab-Initio Solid-State Quantum Materials: Design, Production, and Characterization at the Atomic Scale	12.431	320,455	327,368
Army	W911NF-18-2-0048	ISN 4 Collaborative Agreement Core 6.1 Funding	12.431	393,095	-
Army	W911NF-19-1-0217	Foundations of Decision Making with Behavioral and Computational Constraints	12.431	590,595	201,083
Army	W911NF-20-1-0037	Metastable Quibits in Multi-Ion Systems	12.431	1,197,668	1,002,692
Army	W911NF2010084	Ultrafast Spatial Light Modulation by Optical Control	12.431	5,746	-
Army	W911NF2010100	Precursors for Partially Observed Systems and Applications to Unsteady Flow Separation Events	12.431	-438	-
Army	W911NF2020061	Investigation of Interface Exchange Coupling Between Two Quantum Systems	12.431	-125	-
Army	W911NF2110054	YIP: Elucidating the Role of Flash Heating in Ultrasonic Powder Compaction	12.431	1,239	-
Army	W911NF-21-1-0124	Highly-anisotropic 1D van der Waals lattices: A new paradigm towards functional materials and energy conversion in low-dimensions	12.431	13,594	-
Army	W911NF2110293	The Geometry of Single-and MultiObjective Near-Optimization	12.431	67,380	-
Army	W911NF2110328	Rethinking Reinforcement Learning with Astrocyte-Neuron Computations	12.431	897,164	335,443
Army	W911NF2110332	The dynamic evolution of helicity and twist, and their role in vortex instabilities	12.431	8,613	-
Army	W911NF2120099	Photonics Circuits for Compact Room-temperature Nodes for Quantum Networks	12.431	1,068	-
Army	W911NF2120159	An integrated experimental, computational and statistical learning approach for highly reversible bulk polycrystalline shape memory ceramics	12.431	46,487	-
Army	W911NF2210023	Advanced vad der Waals Qubits and Control	12.431	342,929	-
Army	W911NF2210106	Characterizing Interspecies Interactions in Electron Transfer-Proficient Bacterial Consortia by Controlling Organization	12.431	144,560	-
Army	W911NF2210120	Molecular Triplet Qubits	12.431	160,889	120,721
Army	W911NF-22-1-0126	Biological Actuators: biologic sensing, processing, and control for soft robots	12.431	180,565	-
Army	W911NF2210185	Mucin-mimetic Interventions to Modulate the Gut-Brain Axis	12.431	1,418,494	932,344

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Army	W911NF2210215	Brush Particle-Based Composites for Thermal Management Materials	12.431	179,298	-
Army	W911NF2220127	HIghly Nonlinear Optical Cavities for Quantum Networks	12.431	73,521	-
Army	W911NF-22-2-0210	CHARMME: Center for Harnessing Microbiota from Military Environments	12.431	1,857,794	1,313,514
Army	W911NF-23-1-0034	Dynamic Decision-Problem Decomposition for Autonomous Systems in Complex Domains	12.431	58,369	-
Army	W911NF2310045	Extensible and Modular Advanced Qubits (EMAQs)	12.431	4,237,489	81,365
Army	W911NF2310089	Phase Separation for Bioinspired Novel Composites	12.431	231,719	-
Army	W911NF-23-1-0227	Predicting Natural Anchoring from Roots to Landscapes Through Laboratory Experiments and Reduced-order Modeling	12.431	53,759	-
Army	W911NF2310229	Low-Dimensional Metal-Organic Chalcogenolate Semiconductors	12.431	177,376	-
Army	W911NF-23-1-0277	A Framework for Universal Generalization via Memory Based Computation	12.431	1,161,560	329,534
Army	W911NF-23-1-0326	Quantum Simulator of Fermionic Atoms and Molecules	12.431	765,304	-
Army	W911NF2310382	Quantum States and Dynamics of Rapidly Rotating Quantum Gases	12.431	320,506	-
Army	W911NF2310403	UHV Materials Growth and Analysis System for Education and Research Enabling Enhanced Quantum Information Processing and Sensing	12.431	1,104,000	-
Army	W911NF2320012	Bayesian Active Learning of Objects and Dynamics	12.431	157,561	-
Army	W911NF2320057	UWBG/Quantum Heterostructures	12.431	852,609	137,178
Army	W911NF-23-2-0101	Hierarchical Structure Control in Nanoparticle Assembly via Symmetry Breaking.	12.431	264,827	-
Army	W911NF2320121	ISN5 Cooperative Agreement	12.431	4,106,499	-
Army	W911NF23D0001/W911NF23F0021	ISN 5 IDIQ	12.431	578,427	-
Army	W911NF23D0001/W911NF23F0046	ISN 5 IDIQ	12.431	165,498	-
Army	W911NF2410027	Atomic testbed for photonic quantum control	12.431	384,449	-
Army	W911NF-24-1-0056	Quantitative Compositional Analysis of Complex Nanocomposites for Novel Structural Materials	12.431	8	-
Army	W911NF-24-1-0106	Enabling real-time 4D monitoring of biological actuators	12.431	-268	-
Army	W911NF2410142	Summer Geometry Initiative 2024	12.431	24,407	-
Army	W911NF-24-1-0143	Symposium on Geometry Processing	12.431	23,195	-
Army	W911NF-24-1-0163	Photothermoelectric effects in Dirac and Weyl semimetals for infrared thermo-photodetector applications	12.431	55,459	16,650
Army	W911NF2410218	Quantum science with ultracold atoms and microscopic control	12.431	193,868	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Army	W911NF2410233	A three-in-one SEM tool for in-situ diamond hyper-imaging, nano-etching, and PIC annealing	12.431	384,300	-
Army	W911NF2410234	High Temperature Altermagnetic Electronic Materials and Phases	12.431	230,231	-
Army	W911NF-24-1-0379	OMG: Towards a Single-Ion Logical Qubit	12.431	405,796	116,001
Army	W911NF-24-2-0069	Open-world, Interpretable, Multimodal Models forIntelligent Autonomy	12.431	298,367	-
Army	W911NF-24-2-0182	Granular Metamaterials for Programmable Dynamic Performance	12.431	109,766	-
Army	W911NF2120150	Semantic Scene Perception and Active Planning for Navigation through Complex Vegetation	12.630	293,864	-
Army	W911NF-24-2-0189	Foundation Model Enhanced Decision-Making Across Hierarchical Abstractions	12.630	55,134	-
Army	W911QY23C0065	Individual Water Desalination and Purification project: Portable Ion Concentration Polarization (ICP) Desalination Devices (PID) for Personal Hydration:Phase II	12.RD	95,517	-
		Total for Army		**27,170,573**	**5,003,160**
DARPA					
DARPA	HR0011-21-2-0001/HR0011048983	High-performance Portable Atmospheric Water Extractor for Extreme Climates	12.910	305,164	-
DARPA	HR00112120001/PO HR0011365855	High-performance Portable Atmospheric Water Extractor for Extreme Climates	12.910	459,383	458,011
DARPA	HR00112120008	GRAND: Guessing Random Additive Noise Decoding	12.910	950,363	628,498
DARPA	HR00112220042 / PO HR0011260378-1	Data-Driven Methods for Latent Model Recovery and Maintenance	12.910	2,727,041	1,439,393
DARPA	HR00112220044 / PO HR0011259346	The role of 3D integration and fluxonium for Quantum Benchmarking	12.910	64,769	-
DARPA	HR00112320040 / PO HR0011366011	Metal-Free Mechanically Interlocked Junctions through Organic Dative Covalent Bonds	12.910	138,513	-
DARPA	HR0011-24-2-0303	Generative AI Design of Multi-Material Rotors for High-Performance Propulsion Applications	12.910	1,727,718	439,799
DARPA	HR00112420357	Atomic Conveyor Belt Stabilized Optical Clock Laser	12.910	176,855	-
DARPA	HR0011-24-2-0376	Graphene-assisted epitaxy for seamless monolithic integration of dislocation-free III-Vs on Si	12.910	1,239,967	207,595
DARPA	HR00112490488	SmartSolve: An architecture and accuracy aware system for multi-algorithmic discovery	12.910	260,186	-
DARPA	HR00112490490/HR0011472317	ReDIAL: Revolutionizing Algorithm Discovery through Inter-Architecture Learning	12.910	245,494	-
DARPA	HR00112520025	Characterizing and understanding the reasoning capacities of LLMs	12.910	8,168	-
DARPA	HR00112530318	Enhanced Superconductivity via Bound-States-in-Continuum	12.910	103,365	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DARPA	FA8750-20-C-0075	Performance-Driven Design Synthesis	12.RD	44,232	-
DARPA	HR001120C0015	Guaranteed Robust Artificial InteLligence (GRAIL)	12.RD	108,974	15,215
DARPA	HR001120C0191	Cross-Scale Capability Runtime Monitoring and Reconfiguration	12.RD	1,222,445	571,672
DARPA	HR00112390143 / PO HR0011367237	Resonantly-bonded Visible-band Tunable Materials (ReVisiT)	12.RD	68,720	80,993
DARPA	HR00112490444	Quantifying and mitigating environmental stressors during MEDEVAC and CASEVAC (SafeEVAC)	12.RD	318,290	-
		Total for DARPA		**10,169,647**	**3,841,176**
Navy					
Navy	N00014-16-1-3163	A New Paradigm for Analysis of Complex, Networked, Social and Engineering Systems	12.300	196	-
Navy	N00014-18-1-2781	Four-Dimensional Lagrangian Analysis, Numerics, and Estimation Systems (4D-LANES)	12.300	228,615	-
Navy	N00014-18-1-2815	Robot grasp and manipulation of deformable linear objects with applications for cable following: Manipulation Planning through Shared Autonomy	12.300	11,854	-
Navy	N00014-18-1-2878	Complex Smart Colloids	12.300	85,886	-
Navy	N00014-19-1-2317	A de novo structural biopolymer library to predict, design and control the assembly of hierarchically mesostructured materials	12.300	126,478	-
Navy	N00014-19-1-2605	The Integrated Sea Ice Dynamic Experiment (SIDEx)	12.300	2,464	-
Navy	N00014-19-1-2631	Analog Quantum Computing with a Molecular Quantum Gas Microscope	12.300	9,167	-
Navy	N00014-19-1-2664	Dynamic Environmental Estimation, Prediction, and Acoustic Inference (DEEP-AI)	12.300	95,059	-
Navy	N00014-20-1-2023	Machine Learning for Submesoscale Characterization, Ocean Prediction, and Exploration (ML-SCOPE)	12.300	1,434,422	810,857
Navy	N00014-20-1-2059	Development of WakeLES: a two-phase large-eddy simulation capability for the turbulent free-surface air-entraining bubbly flow near wake of a surface ship	12.300	-7,588	-
Navy	N00014-20-1-2280	Synthesis Genome for Inorganic Materials: Case Oriented Proposal	12.300	166,775	-
Navy	N00014-20-1-2300	Nano-Curing Embedded Heaters for Extreme Performance of Sea-based Airframe Structures	12.300	59,905	-
Navy	N00014-20-1-2366	Physics-informed, machine learning methods for the quantification of extreme ocean events for naval vessels	12.300	135,392	-
Navy	N00014-20-1-2531	Underwater Backscatter Networking	12.300	-804	-
Navy	N00014-20-1-2532	Lightweight representations for decentralized learning in data-rich environments	12.300	195,936	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Navy	N00014-20-1-2589	Developing next generation AI vision systems by characterizing and exploiting untapped primate visual processing circuit motifs	12.300	21,254	1,150
Navy	N00014-20-1-2826	Information Flow on Networks	12.300	208,514	-
Navy	N00014-21-1-2170	Computational principles of belief system change	12.300	19,861	-
Navy	N00014-21-1-2195	Constrained Generative Modeling for Autonomous Molecular Discovery	12.300	432,876	-
Navy	N00014-21-1-2357	Bayesian Experimental Design with Active Learning Algorithms	12.300	48,662	-
Navy	N00014-21-1-2382	Integrated Modeling-Data-Simulation for Engineering Estimation: A Heat Transfer ParAnaLyst	12.300	66,340	-
Navy	N00014-21-1-2400	Self-damping structural materials	12.300	144,151	-
Navy	N00014-21-1-2402	Design of Environmentally Responsive Hierarchical Materials	12.300	-805	-
Navy	N00014-21-1-2571	Transient Corona Discharges for Ignition and Flameholding in an Afterburner Environment	12.300	-1,031	-
Navy	N00014-21-1-2591	Natural Superlattice 2D Materials	12.300	-505	-
Navy	N00014-21-1-2666	Molecularly Precise Gas Separations Through Site-Specific Membrane Design	12.300	2,466	-
Navy	N00014-21-1-2776	Finding a Needle in a Haystack: Utilizing Structures and Predictive Information in Online Optimization	12.300	49,170	-
Navy	N00014-21-1-2807	Leveraging Causal Structure for Prediction Across Environments	12.300	53,551	-
Navy	N00014-21-1-2831	Compression and Assimilation for Resource-limited Operations	12.300	55,344	-
Navy	N00014-21-1-2841	Statistical Learning with large parameter spaces: Interpretable Nonparametrics, Conditional Computing and Beyond	12.300	128,600	-
Navy	N00014-22-1-2036	Additive Manufacturing of Functionally Graded Oxide Dispersion-Strengthened Superalloys	12.300	5,574	-
Navy	N00014-22-1-2116	Representation Learning as a Tool for Causal Discovery	12.300	148,036	-
Navy	N00014-22-1-2148	Tailoring the Multiscale Organization of Self-Assembled Materials via a 'Systems-Level' Approach	12.300	201,522	-
Navy	N00014-22-1-2203	Long Nanofiber Reinforcement of Bulk Ceramics for Extreme Toughness, Strength, and Multifunctionality for Naval Aviation Applications	12.300	17,379	-
Navy	N00014-22-1-2304	Laser system for a network of entangled atomic clocks	12.300	-162	-
Navy	N00014-22-1-2339	Beyond Worst-Case Analysis in Reinforcement Learning	12.300	90,418	-
Navy	N00014-22-1-2419	Enabling Volumetric Ionospheric Imaging Using Vector Sensor Ionosondes	12.300	191,173	-
Navy	N00014-22-1-2453	Improving Target Tracking by Enhancing Neural Synchrony	12.300	262,508	110,280
Navy	N00014-22-1-2468	Optically-Controlled GaN Power Devices	12.300	224,438	-
Navy	N00014-22-1-2578	Interactive Large-scale Multi-agent Planning with Natural Language Inputs and Explainable AI	12.300	263,457	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Navy	N00014-22-1-2665	Collaborative Proposal: Scaling up MINLPs via Branch-and-Bound and First Order Methods with applications to Structured Statistical Learning	12.300	156,629	-
Navy	N00014-22-1-2709	Design Optimization of 10Ni Naval Steels	12.300	387,195	-
Navy	N00014-22-1-2740	Intentional multi-modal self-learning to perceive and understand the real world	12.300	1,242,086	430,217
Navy	N00014-22-1-2756	Non-parametric methods in reinforcement learning: Instance-optimality, adaptivity and data-dependent bounds	12.300	120,479	-
Navy	N00014-23-1-2004	CyberSteels: Accelerating Genomic Design	12.300	377,554	-
Navy	N00014-23-1-2160	SABINE Models and Measurements. (alaSka Arctic Bottomside IoNosphEre) SABINE	12.300	223,012	71,587
Navy	N00014-23-1-2164	Instrumentation to Support Diver-AUV Cooperative Autonomy	12.300	64,211	-
Navy	N00014-23-1-2299	Optimization-based Machine Learning for Dynamic Decision Problems	12.300	173,060	-
Navy	N00014-23-1-2355	Grounding Vision-Language Interactions in World Models by Integrating Large Neural Models with Probabilistic Programs	12.300	634,160	256,494
Navy	N00014-23-1-2499	Directed assembly of mesoscale architectures in additive manufacturing	12.300	1,401,623	1,023,316
Navy	N00014-23-1-2512	A Unified Approach to Passive and Active Ocean Acoustic Waveguide Remote Sensing	12.300	632,022	-
Navy	N00014-23-1-2530	The Role of Cavity and Interface Interactions in Damage and Injury of Biological Materials for Protective Measures	12.300	181,945	-
Navy	N00014-23-1-2551	A Systems Approach to Controlling Destructive Behavior in the Navy	12.300	162,961	124,821
Navy	N00014-23-1-2573	Spatial and Temporal Multiscale Considerations in Heat Transfer Estimation Procedures	12.300	166,717	-
Navy	N00014-23-1-2577	Entangles Clock Networks beyond the Standard Quantum Limit	12.300	232,583	-
Navy	N00014-23-1-2584	Fairness on Online Platforms	12.300	230,186	-
Navy	N00014-23-1-2728	Nanocrystalline core materials and circuits for energy harvesting	12.300	142,799	-
Navy	N00014-23-1-2750	Joint US-Japan Ocean Acoustic Waveguide Remote Sensing Experiment	12.300	103,776	42,464
Navy	N00014-23-1-2803	Data-Driven Methods for Structure Learning in Underwater Acoustic Modeling	12.300	80,593	-
Navy	N00014-23-1-2838	Sonobuoy Backscatter: Long-Range, High-Resolution Underwater Object Detection & Imaging via Net-Zero-Power Backscatter Networks	12.300	386,193	61,432
Navy	N00014-23-1-2873	Quantum Science with Ultracold Atoms on a 50 nm Scale	12.300	504,836	-
Navy	N00014-23-1-2883	CONTACT: Collaborative Neural-agents providing Team Assistance in Cognitive Tasks	12.300	299,871	-

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Navy	N00014-24-1-2055	An Experimental and Theoretical Study on Structural and Functional Plasticity in Cortical Neurons: Implications for Learning in Deep Neural Networks	12.300	737,559	89,201
Navy	N00014-24-1-2060	[YIP] Designing Adaptive Motor Control Circuitry for Swimming Biohybrid Robots	12.300	214,380	-
Navy	N00014-24-1-2076	Equilibrium and Non-Equilibrium Entraining Bubbly Flow Regimes around a Ship	12.300	236,341	-
Navy	N00014-24-1-2122	Longitudinal Ionospheric Variations in the bottomside Equatoral regions (LIVE)	12.300	110,523	-
Navy	N000142412174	Mobile-manipulation robots for integrated intelligence research	12.300	315,429	-
Navy	N00014-24-1-2176	Nanoengineered Multifunctional Structural Power	12.300	165,138	-
Navy	N00014-24-1-2232	Pilot-wave hydrodynamics: Analog matter waves and analog gravity	12.300	271,753	-
Navy	N000142412254	Combinatorial nucleic acid nanoparticle libraries for materials research and molecular catalysis	12.300	139,912	-
Navy	N000142412265	In Situ Investigation of Synergistic Assembly Processes in Biopolymers to Design Environmentally Responsive Materials	12.300	1,428,818	-
Navy	N000142412350	Infrared-Enhanced Electron Emission from Nanoantennas (IREEN)	12.300	196,724	-
Navy	N000142412407	Naturally Encapsulated Heterostructures for Scalable 2D Nanomaterials	12.300	152,914	-
Navy	N00014-24-1-2438	NT24 (Nanotech 2024)	12.300	9,185	-
Navy	N000142412440	Moiré quantum materials for novel synthetic ferroelectrics	12.300	236,444	-
Navy	N00014-24-1-2470	On Some Fundamental Tradeoffs in Optimization	12.300	242,524	-
Navy	N00014-24-1-2484	MACE- Meter Condition-based Maintenance	12.300	37,224	-
Navy	N000142412601	Exploring informational versus identity-based approaches to reducing polarization	12.300	54,023	-
Navy	N000142412687	Evaluating, Predicting, Optimizing, and Monitoring Interventions in Large Networked Systems	12.300	441,032	260,812
Navy	N000142412715	Researching Interior Ocean Trajectories: Sensing, Quantifying, Utilizing, and Adapting to Dynamics (RIOT - SQUAD)	12.300	38,558	-
Navy	N00014-24-1-2735	Collaborative Proposal: Scaling Up Linear Programming with First-Order Methods and MPI	12.300	110,795	-
Navy	N000142512045	Closing the loop on joint physics- and data-driven modeling of marine boundary layer turbulence above waves	12.300	81,878	-
Navy	N00014-25-1-2053	Analog Epigenetic Cell Memory: Biology and Engineering	12.300	159,200	-
Navy	N00014-25-1-2059	Generative active learning along unstable dynamics for modeling unprecedented extreme events	12.300	66,831	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Navy	N00014-25-1-2080	Interactive Testing, Assessment, and Repair for Rapid Autonomy Adoption	12.300	6,037	-
Navy	N000142512089	Solid-state Nonlinear Terahertz Magnon-Polaritonics	12.300	108,680	-
Navy	N000142512100	Enhanced CO2 Removal and Disposal for Diver Rebreather Applications	12.300	64,361	10,182
Navy	N000142512101	Low-loss, high-bandwidth optical interface for cryogenically cooled infrared imagers	12.300	34,043	-
Navy	N000142512142	An Embodied Neuroscience for Cognition and Emotion	12.300	240,459	-
Navy	N000142512217	DNA-templated Materials for Quantum Information Science and Technology	12.300	55,652	-
Navy	N000142512294	Correlated Bosons Physics in Rhombohedral Graphene Double Layers	12.300	73,029	-
Navy	N000142512296	Modern Foundations of Multi-Agent Learning	12.300	53,439	-
Navy	N000142512303	Soft-actuated flapping-wing robots for locomotion in amphibious environments	12.300	13,264	-
Navy	N000142512307	I-SABINE: Instrumentation for alaSka Arctic Bottomside IoNsopherE	12.300	1,748	-
Navy	N66001-13-C-4025	Integrated and Scalable Cyto-Technologies (INSCyT) for Flexible Microbial Manufacturing	12.RD	0	-
		Total for Navy		**19,178,936**	**3,292,813**
Other DOD					
Other DOD	HDTRA12110013	Robust AI-driven counter-measures: screening, guiding, combining	12.351	692,530	-
Other DOD	HDTRA12210010	Deep Learning-Guided Discovery and Structural Validation of Marine Toxin Inhibitors	12.351	294,816	-
Other DOD	HDTRA12210032	Unsupervised Machine Learning for Drug Repurposing and Medical Countermeasure (MCM) Identification	12.351	477,229	-
Other DOD	HDTRA12510008	Discovering Highly-Stable Materials for Adsorption and Catalytic Decontamination of CWMDs	12.351	18,379	-
Other DOD	W911NF2120206	Development of AI Algorithms to Support Human-Robot Teams of Unmanned Marine Vehicles in Shallow Water Environments	12.431	55,580	-
Other DOD	W911NF2320102	Efficient extraction of damage-sensitive spatial vibration features for large structures	12.431	-4,397	-
Other DOD	HM0 4762310 001	Broadening broadband VLBI to also observe GNSS signals	12.630	94,489	-
Other DOD	HM04762591001	Enhancing VGOS+G to better calibrate water vapor delays –VGOS+GWV signal chain	12.630	40,953	-
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.RD	933,898	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Other DOD	N6600123C4506	Analogue genetic circuits for long-term reliable reporting by living sensors	12.RD	642,895	286,423
Other DOD	N6600123C4513	Fiber Computers & Fabric Networks (FCFN) for Garment - based Discreet Audio, Video, and Location Services	12.RD	216,418	210,110
Other DOD	W912HQ20C0015	Retrobiosynthetic design for renewable energetic materials	12.RD	156,159	-
		Total for Other DOD		**3,618,949**	**496,533**
		TOTAL for Department of Defense		**90,399,815**	**16,722,620**

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF COMMERCE					
DOC	NA22OAR4170126	2022-2023 Sea Grant OMNIBUS	11.417	670,162	310,880
DOC	NA22OAR4170144	Special Projects C: Disaster Preparedness for Coastal Communities	11.417	66,149	29,984
DOC	NA22OAR4170552	Fiscal Year 2022 NMFS-Sea Grant Fellowship in Population and Ecosystem Dynamics and Marine Resource Economics_Karl Aspelund	11.417	54,775	-
DOC	NA23OAR4170168	Massachusetts Marine Debris from Source to Stellwagen A Comprehensive Suite of Tools for Environmental Educators	11.417	71,255	27,227
DOC	NA23OAR4170355	Extending and Integrating Aquaculture Workforce Development Between Communities	11.417	95,988	15,828
DOC	NA23OAR4170538	Grezlik_PED Applications of Ecosystem-Based Fishery Management using Multispecies Models	11.417	31,209	31,209
DOC	NA24OARX417C0108	2024 Knauss Fellowship_MIT Sea Grant_Borreggine	11.417	43,433	-
DOC	NA24OARX417C0148-T1-01	Sea Grant 2024-2027 OMNIBUS	11.417	1,661,661	220,386
DOC	NA24OARX417C0279-T1-01	AquaCulture Shock: International Internships for Aquaculture Knowledge Exchange	11.417	20,670	-
DOC	NA25OARX417C0061-T1-01	FY2025 SG Knauss Fellowship - Perez	11.417	36,668	-
DOC	70NANB23H034	Computational Metrology	11.609	253,580	-
		Total for Department of Commerce		**3,005,550**	**635,514**
		TOTAL for Department of Commerce		**3,005,550**	**635,514**

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF ENERGY					
DOE	DE-FC02-93ER54186	D&T Parent	81.049	32	-
DOE	DE-FC02-93ER54186	Fusion Development and Technology - Parent	81.049	-191	-
DOE	DE-FG02-03ER46076	Strongly Correlated Electronic Systems: Local Moments and Conduction Electrons	81.049	97,936	-
DOE	DE-FG02-03ER46076	Strongly Correlated Electronic Systems: Local Moments and Conduction Electrons (Renewal of 6946980)	81.049	111,767	-
DOE	DE-FG02-07ER46474	Bimolecular Interactions in Organic Semiconductors	81.049	276,757	-
DOE	DE-FG02-08ER46488	Materials Exhibiting Biomimetic Carbon Fixation and Self Repair: Methanotrophic Materials (renewal)	81.049	162,149	-
DOE	DE-FG02-08ER46488	Materials Exhibiting Biomimetic Carbon Fixation and Self Repair: Theory and Experiment (Renewal)	81.049	4,402	-
DOE	DE-FG02-08ER46514	Novel Temperature Limited Tunneling Spectroscopy of Quantum Hall Systems	81.049	11,612	-
DOE	DE-FG02-08ER46521	Ultrafast electronic and structural dynamics in Quantum materials	81.049	466,642	-
DOE	DE-FG02-91ER54109	Theoretical Research in Advanced Physics and Technology (Renewal of 6937946)	81.049	387,502	-
DOE	DE-FG02-91ER54109	Theoretical Research in Advanced Physics and Technology (Renewal of 6944828)	81.049	1,122,676	-
DOE	DE-FG02-94ER40818	Research in Nuclear Physics: Medium Energy Nuclear Physics	81.049	1,238,197	-
DOE	DE-FG02-94ER61937	Sectoral Interactions, Compounding Influences and Stressors, and Complex Systems: Understanding Tipping Points and Non-Linear Dynamics	81.049	1,066,562	-
DOE	DE-NA0004029	Development of New Advanced X-ray and γ-ray Diagnostics for Inertial-Confinement-Fusion and Discovery-Science Programs at OMEGA and the NIF	81.049	80,176	-
DOE	DE-NA0004129	Study of Magnetized, High-Energy-Density Hydrodynamics at OMEGA	81.049	108,685	-
DOE	DE-NE0009273	ATF Solutions to Light Water-Cooled SMRs	81.049	391,597	123,687
DOE	DE-SC0007106	Designing Novel Nanostructures Using Sequence-Defined Biopolymers	81.049	432,490	-
DOE	DE-SC0008739	Unconventional Metals in Strongly Correlated Systems	81.049	117,650	-
DOE	DE-SC0010492	Fusion Pilot Plant and ITER Scenarios and Control	81.049	353,653	-
DOE	DE-SC0011088	MIT Relativistic Heavy Ion Group	81.049	1,914,409	-
DOE	DE-SC0011090	TASK R - THEORETICAL NUCLEAR PHYSICS	81.049	1,248,304	-
DOE	DE-SC0011091	Task W - Neutrino Physics	81.049	610,402	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DOE	DE-SC0011755	Parent of AMS-02 Operations	81.049	3,689,668	-
DOE	DE-SC0011848	Parent of AMS-02 Research	81.049	2,118,888	-
DOE	DE-SC0011939	TASK A: PARTICLE PHYSICS COLLABORATION (PARENT)	81.049	706,084	-
DOE	DE-SC0012470	MDSPlus Development and Support	81.049	796,270	-
DOE	DE-SC0012567	Task C: Theoretical High Energy Physics	81.049	777,145	-
DOE	DE-SC0014229	Phase Contrast Imaging for Wendelstein 7-X	81.049	96,352	26,555
DOE	DE-SC0014229	Phase Contrast Imaging for Wendelstein 7-X (Renewal for 6945840)	81.049	203,651	-
DOE	DE-SC0014251	Gas-Puff-Imaging for Diagnosis of Boundary and SOL Physics in W7-X	81.049	115,185	-
DOE	DE-SC0014264	MIT Plasma Science and Fusion Center Magnetic Confinement Fusion Experiment Research and Related Activities	81.049	5,600,090	-
DOE	DE-SC0014478	MIT Outreach for Plasma Science and Fusion	81.049	48,032	-
DOE	DE-SC0014901	Enabling Quantitative Predictions of Reacting Gas-Liquid Systems	81.049	142,117	-
DOE	DE-SC0015566	Novel Concepts for High Gradient Acceleration	81.049	95,725	-
DOE	DE-SC0016154	Measurement of Helicons and Parametric Decay Waves in DIII-D with Phase Contrast Imaging	81.049	741,253	-
DOE	DE-SC0016214	Leveraging local electric field measurements to probe solvent effects within zeolite microenvironments	81.049	45,811	-
DOE	DE-SC0016214	Tailored Lewis Acidiczeolite Environments for the Promotion Ofliquid- phase Transfer Hydrogenation Catalysis	81.049	121,103	-
DOE	DE-SC0018090	Center for Integrated Simulation of Fusion Relevant RF Actuators	81.049	71,209	101,399
DOE	DE-SC0018091	New Experimental Views on the Role of Temperature in Extreme Strain Rate Mechanics	81.049	7,754	-
DOE	DE-SC0018094	Nonequilibrium Properties of Driven Electrochemical Interfaces	81.049	185,974	-
DOE	DE-SC0018097	Spectroscopic studies of protein-protein association in model membranes	81.049	412,736	-
DOE	DE-SC0018229	MIT-Bates Research and Engineering Center	81.049	1,681,799	-
DOE	DE-SC0018354	Convergence QL: NSF/DOE Quantum Science Summer School	81.049	-384	-358
DOE	DE-SC0018947	Portable Parallel Algorithms and Frameworks for Exascale Graph Analytics	81.049	3,750	-
DOE	DE-SC0019112	The Center for Enhanced Nanofluidic Transport – Phase 2 (CENT2)	81.049	3,014,612	2,002,998
DOE	DE-SC0019126	Novel Terahertz-Induced Quantum States Probed with Ultrafast Coherent X-Rays	81.049	842,746	236,918
DOE	DE-SC0019345	Excitons In Low-Dimensional Perovskites	81.049	498,279	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DOE	DE-SC0019768	Search for a Non-Zero Value of the Electric Dipole Moment of the Neutron	81.049	7,938	-
DOE	DE-SC0019998	Synthesizing Functionality in Excitonic Systems Using DNA Origami	81.049	529,011	-
DOE	DE-SC0020042	Janus 2D Material Platform Enabled by Atomic-Layer Substitution	81.049	228,529	-
DOE	DE-SC0020148	Tracing the Topological Fingerprint of Weyl Semimetals Using Neutron Probes	81.049	383,445	-
DOE	DE-SC0020149	Creating and Probing Large Gap 2D Topological Insulators for Quantum Computing	81.049	57,011	-
DOE	DE-SC0020180	Towards High-Throughput Computation of Phase-and Defect Diagrams	81.049	80,545	65,795
DOE	DE-SC0020240	Short-Range Correlations in Nuclei and the EMC Effect	81.049	545,509	-
DOE	DE-SC0020264	Quantum algorithms for fusion-plasma dynamics	81.049	485,953	192,042
DOE	DE-SC0020265	Study of Short-Range Correlations in Nuclei Using Electro-induced Nucleon-knockout Reactions at High Momentum-Transfer	81.049	36,189	-
DOE	DE-SC0020973	Uncovering the Role of Polarization in the Catalysis of Molecularly-Modified Electrodes (Renewal of 6943884)	81.049	184,624	-
DOE	DE-SC0020974	Primary and Secondary Sphere Effects on the Valence Isomerism of Fe-S Clusters	81.049	325,756	-
DOE	DE-SC0020998	A multiresolution sharp-interface framework for tightly-coupled multiphysics simulations	81.049	113,610	-
DOE	DE-SC0021006	The QCD structure of nucleons and light nuclei	81.049	157,210	-
DOE	DE-SC0021025	Revealing the molecular origin of interactions between nanocrystals	81.049	2,833	-
DOE	DE-SC0021120	Study of High Harmonic Fast Wave Interaction with the Scrape-Off-Layer Plasmas in NSTX-U	81.049	200,622	-
DOE	DE-SC0021176	Shedding Light On Nuclear Properties At the Limits of Existence	81.049	744,833	-
DOE	DE-SC0021178	Liquid Metal surface properties and plasma material interactions for plasma-facing component development in NSTX-U	81.049	392,481	-
DOE	DE-SC0021179	Laser Spectroscopy of Exotic Atoms and Molecules Containing Octupole-Deformed Nuclei	81.049	218,242	-
DOE	DE-SC0021202	Accelerating radio frequency modeling using machine learning	81.049	239,271	87,132
DOE	DE-SC0021226	Frameworks, Algorithms and Scalable Technologies for Mathematics (FASTMath) SciDAC Institute	81.049	155,417	-
DOE	DE-SC0021629	Role of neutrals versus transport in determining the pedestal density structure	81.049	14,158	-
DOE	DE-SC0021637	Adapting transient grating spectroscopy for non-destructive in situ/operando, measurement of thermomechanical properties of fusion materials under plasma bombardment	81.049	78,818	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DOE	DE-SC0021638	Computational Physics School for Fusion Research (CPS-FR) 2021-2023	81.049	-287	-
DOE	DE-SC0021638	Computational Physics School for Fusion Research (CPS-FR) 2024-2027	81.049	46,772	-
DOE	DE-SC0021647	Unitary Qubit Lattice Algorithms for Plasma Physics	81.049	76,808	-
DOE	DE-SC0021650	Investigating Excitonic Properties through Photon Correlation in Quantum Optical Materials	81.049	743,739	-
DOE	DE-SC0021886	Spacetime Emergence from Quantum Gravity: Perturbative and Nonperturbative Aspects	81.049	133,241	-
DOE	DE-SC0021939	Resonant Coherent Diffractive Imaging of Quantum Solids	81.049	155,427	-
DOE	DE-SC0021940	Machine Learning Augmented Multimodal Neutron Scattering for Emergent Topological Materials	81.049	131,394	-
DOE	DE-SC0021943	Harnessing the Large Hadron Collider with New Insights in Real-Time Data Processing and Artificial Intelligence	81.049	143,574	-
DOE	DE-SC0022012	Collaborative Research: Enabling multi-scale studies of magnetic reconnection with interpretable data-driven models	81.049	87,752	-
DOE	DE-SC0022016	Improving bioprocess robustness by cellular noise engineering	81.049	218,776	148,084
DOE	DE-SC0022017	Exploring Past and Future Drivers of Biogenic SOA	81.049	162,814	-
DOE	DE-SC0022028	Incommensurate Interfaces in Intercalated Quantum Materials	81.049	185,742	-
DOE	DE-SC0022033	A Streamlined Open Source Neutronics Toolkit for Fusion Reactor Design	81.049	31,186	-
DOE	DE-SC0022054	Nanoscale Free-Electron Lasing	81.049	23,412	17,299
DOE	DE-SC0022997	CRCNS22 A combined computational and experimental investigation of the cellular and network basis of visual recognition memory	81.049	88,779	-
DOE	DE-SC0023116	Fundamental nuclear physics at the exascale and beyond	81.049	555,921	-
DOE	DE-SC0023187	M2dt: Multifaceted Mathematics for Predictive Digital Twins	81.049	439,057	-
DOE	DE-SC0023188	Randomized algorithms for optimal data acquisition in Bayesian inverse problems	81.049	454,783	173,754
DOE	DE-SC0023287	Inverse Design of Tungsten-based Low-Activation High Entropy Alloys for Plasma-Facing Materials via Machine-Learning Engineering of Vacancy Exchange Potentials	81.049	336,807	-
DOE	DE-SC0023288	Uncovering intrinsic transport and magnetic properties of two-dimensional electrically conducting metal-organic frameworks	81.049	431,765	-
DOE	DE-SC0023289	Opaqueness and aspect ratio impact on fueling and core-edge performance	81.049	334,300	-
DOE	DE-SC0023292	Permanent Magnets Featuring Heavy Main Group Elements for Magnetic Anisotropy	81.049	352,522	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DOE	DE-SC0023684	Integrated Plasma-material Interaction Analysis Toward Long-Pulse Operation in a Fully-Tungsten Tokamak	81.049	287,660	-
DOE	DE-SC0024025	R&D of Very High-Field Solenoid Magnets for Uses in High-Energy Physics Experiments	81.049	141,440	-
DOE	DE-SC0024029	Ultrafast electronic and structural dynamics in Quantum materials	81.049	320,344	-
DOE	DE-SC0024112	Shining Light on Dark Matter: Using Stars as Tracers of Dark Matter	81.049	31,742	-
DOE	DE-SC0024113	Upgrade Proposal to Complete AMS	81.049	724,039	-
DOE	DE-SC0024138	Development of a Compact, High-Current Family of Cyclotrons for Neutrino Physics, Isotope Production, and Material Testing	81.049	14,110	-
DOE	DE-SC0024173	On-Chip Attosecond Metrology of Solid-State High-Harmonic Generation	81.049	177,824	-
DOE	DE-SC0024174	Multi-scale modeling for time-dependent phenomena in the condensed phase	81.049	154,960	-
DOE	DE-SC0024273	Intelligent experiments through real-time AI: Fast Data Processing and Autonomous Detector Control for sPHENIX and future EIC detectors	81.049	211,051	-
DOE	DE-SC0024306	Study of Non-Maxwellian ion-velocity distributions and their impact on Fusion Product Spectra in Inertial Confinement Fusion plasmas	81.049	217,123	-
DOE	DE-SC0024307	Rapid development of radiation-resistant advanced alloys for radio frequency actuators	81.049	234,245	-
DOE	DE-SC0024368	Open and FAIR Fusion for Machine Learning Applications	81.049	454,925	-
DOE	DE-SC0024369	Center for Advanced Simulation of RF - Plasma - Material Interactions	81.049	1,253,273	605,385
DOE	DE-SC0024914	Development of Compact, High-Current Cyclotrons for Medical Isotope Production	81.049	177,217	-
DOE	DE-SC0025176	Creating and Interfacing Designer Chemical Qubits	81.049	461,629	325,245
DOE	DE-SC0025243	Light energy capture and conversion in self-assembled tetrapyrroles	81.049	223,524	-
DOE	DE-SC0025325	Novel Topological Phenomena in Rhombohedral Multilayer Graphene	81.049	185,082	-
DOE	DE-SC0025358	Interactions of a Microdischarge with a Premixed Flame	81.049	52,466	-
DOE	DE-SC0025387	Programming and imaging active defect arrays in layered materials via atomic lock-on	81.049	251,288	-
DOE	DE-SC0025399	An Open Source Nuclear Modeling Ecosystem to Support Fusion Pilot Plant Design	81.049	232,875	-
DOE	DE-SC0025853	FIRE Collaborative: Advanced Profile Prediction for Fusion Pilot Plant Design (APP – FPP)	81.049	780	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DOE	DE-SC0025854	FIRE Collaborative: Rapid high-fidelity bulk irradiated materials data generation to accelerate solutions for commercial fusion energy systems	81.049	256,371	-
DOE	DE-SC0025889	Conference Support, 41st Eastern Regional Photosynthesis Conference 2024	81.049	9,879	-
DOE	DE-EE0009096 09/01	Machine-learned processing pathways for solid state electrolytes	81.086	270,883	-
DOE	DE-EE0009211	Transit-Centric Smart Mobility for High-Growth Urban Activity Centers: Improving Energy Efficiency through Machine Learning	81.086	137,420	74,621
DOE	DE-EE0009679	High Energy Density Hydrogel Thermo-Adsorptive Storage	81.086	449,082	12,308
DOE	DE-EE0010218	Hydrogen-Resistant Multilayer Composite Coating for Hydrogen Blending in Gas Transmission/Distribution and Industrial End-Use Applications	81.086	136,623	-
DOE	DE-EE0011186	Adaptive Mobility Services For Low-Income Health Care Workers and Patients through a Multi-level Connected and Automated Transit System (M-CATS) - Child Proposal 1	81.086	473,912	99,486
DOE	DE-EE0009512	Next-generation perovskite photovoltaics: improving, stabilizing, and lead-sealing of record-setting laboratory solar cells toward commercialization	81.087	-13,240	-
DOE	DE-EE0010503	SETO ADDEPT CENTER	81.087	3,489,344	1,750,321
DOE	DE-FE0032102	Improving Durability and Performance of Solid Oxide Electrolyzers by Controlling Surface Composition on Oxygen Electrodes	81.089	37,385	9,093
DOE	DE-FE0032334	Lower Cost, CO2 Free, H2 Production via CH4 Pyrolysis in Molten Tin	81.089	591,241	-
DOE	DE-NA0003868	Center for Advanced Nuclear Diagnostics and Platforms for ICF and HED Physics at Omega, NIF, and Z	81.113	810,656	100,138
DOE	DE-NE0008871	Simultaneous Corrosion/Irradiation Testing in Lead and Lead-Bismuth Eutectic: The Radiation Decelerated Corrosion Hypothesis	81.121	8,585	9,762
DOE	DE-NE0008967	Highly Compact Steam Generators for Improved Economics of Small Modular Reactors	81.121	108,737	-
DOE	DE-NE0008999	Molten Salt Reactor Test Bed with Neutron Irradiation	81.121	727,500	153,679
DOE	DE-NE0009049	Horizontal Compact High Temperature Gas Reactor	81.121	260,438	197,022
DOE	DE-NE0009063	IUP Scholarship and Fellowship Support	81.121	66,333	-
DOE	DE-NE0009155	Experimental investigation and development of models and correlations for cladding-to-coolant heat transfer phenomena in transient conditions in support of TREAT and the LWR fleet	81.121	167,679	142,882
DOE	DE-NE0009267	Integrated Marine Platform for Hydrogen and Ammonia Production	81.121	254,112	43,336
DOE	DE-NE0009321	The application of advanced high resolution optical diagnostics to answer long standing questions and make new discoveries in boiling heat transfer in LWR conditions	81.121	205,873	-

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DOE	DE-NE0009324	Understanding of ATF Cladding Performance under Radiation using MITR	81.121	1,068,147	312,382
DOE	DE-NE0009365	High Temperature Thermal Diffusivity Equipment for Expanding the Scientific Impact of the MIT Reactor	81.121	-2,349	-
DOE	DE-NE0009398	Embedded Monte Carlo	81.121	180,381	28,390
DOE	DE-NE0009401	CFD based Critical Heat Flux predictions for enhanced DNBR margin	81.121	129,168	1,956
DOE	DE-NE0009416	Unraveling how mixing vane spacers affect cladding-to-coolant heat transfer phenomena in light water reactors	81.121	194,433	-
DOE	DE-NE0009463	Spark plasma sintering for nuclear fuel and alloy fabrication at Massachusetts Institute of Technology	81.121	291,549	-
DOE	DE-NE0009486	Redox potential, ionic speciation, and separation and recovery challenges from molten salts containing actinides and fission products	81.121	127,722	20,039
DOE	DE-NE0009491	Comparative study of three-dimensional microstructural imaging and thermal conductivity evolution of irradiated solid and annular U-Zr fuels	81.121	254,390	-
DOE	DE-NE0009495	AI to Guide Sorption Data Acquisition and Assimilation into Uncertainty Quantifications for the Nuclear Waste Disposal Performance Assessment	81.121	135,694	36,523
DOE	DE-NE0009506	Inference of flow conditions from in-core detector measurements for accelerating SMR licensing	81.121	150,012	31,738
DOE	DE-NA0003965	CESMIX: Center for the Exascale Simulation of Material Interfaces in Extreme Environments	81.124	1,781,958	-
DOE	DE-AR0001130	MULTISCALE POROUS HIGH-TEMPERATURE HEAT EXCHANGER USING CERAMIC COEXTRUSION	81.135	-194	-194
DOE	DE-AR0001133	CARBONHOUSE: A SCALABLE ALL-CARBON BUILDING LOGIC DERIVED FROM HYDROCARBON RESOURCES	81.135	-173,171	-
DOE	DE-AR0001295	High Fidelity Digital Twins for BWRX-300 Critical	81.135	366,594	142,082
DOE	DE-AR0001298	Generation of Critical Irradiation Data to Enable Digital Twinning of Molten-Salt Reactors	81.135	72,451	-
DOE	DE-AR0001395	ELECTROCHEMICAL MINING OF MSWI ASH	81.135	319,830	-
DOE	DE-AR0001409	ELECTROCHEMICALLY MODULATED CO2 REMOVAL FROM OCEAN WATERS	81.135	326,686	-
DOE	DE-AR0001434	Additive Manufacuring of Oxygen-Resistant Gradient Refractory Composites	81.135	55,348	-
DOE	DE-AR0001511	ZERO-CARON BIOFUELS: AN OPTIMIZED TWO-STAGE SYSTEM FOR HIGH PRODUCTIVITY CONVERSION OF CO2 TO LIQUID FUELS	81.135	123,003	106,899

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DOE	DE-AR0001527	Ventilation Air Methane Abatement via Catalytic Oxidation (VAMCO) with Machine-Learning Enhanced Sensing and Feedback Controls	81.135	1,405,486	449,353
DOE	DE-AR0001542	Liquid Immersion Blanket Rapid Assessment (LIBRA)	81.135	692,061	-
DOE	DE-AR0001569	Nitrogen Fertilizer: New Strategies for Low-energy, Low-emission Production and Use	81.135	776,621	104,433
DOE	DE-AR0001591	8 GaN-on-Si Super Junction Devices for Next Generation Power Electronics	81.135	668,119	248,123
DOE	DE-AR0001738	Neutron emission from laser-stimulated metal hydrides	81.135	912,772	-
DOE	DE-AR0001876	Towards Efficient Geological Hydrogen Production: Rate Determination, Control and Reactor Development	81.135	775,986	176,997
DOE	CW58495	Macrosegregation Modeling and Simulation	81.RD	97,592	-
DOE	SUB NO. SC-23-577	Center for the Advancement of Topological Semimetals	81.RD	364,506	-
DOE	SUBCONTRACT NO. SC-23-577	Center for the Advancement of Topological Semimetals	81.RD	233,962	-
		Total for Department of Energy		**68,120,714**	**8,357,304**
		TOTAL for Department of Energy		**68,120,714**	**8,357,304**

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF HEALTH & HUMAN SERVICES					
Other HHS					
HHS	5 U01 FD006755-03	Integrated Continuous Processing Facility for Small Molecule and Biologic Lyophilized Final Dosage Forms	93.103	206,469	-
HHS	5-R01-FD007458-03	COVID-19: A modular platform for rapid VLP vaccine development and manufacturing for SARS-CoV-2 pandemic response	93.103	208,018	-
HHS	5-R01-FD007480-02	Continuous Production of Viral -Vectors using membraneless Perfusion Culture of Host Cells	93.103	285,386	92,414
HHS	D24AC00040-00	Revolutionizing the oral route: delivery of electroceuticals and mRNA therapeutics for transforming health	93.384	16,094,486	4,043,626
HHS	D24AC00040-03	Revolutionizing the oral route: delivery of electroceuticals and mRNA therapeutics for transforming health	93.384	-2,671	-
HHS	90PD0323-01-00	Mental Accounting in Social Benefit Take-Up	93.647	23,100	-
HHS	75F40121C00090	COVID-19: Application of Smart Data Analytics to Biomanufacturing	93.RD	619,151	-
HHS	75F40121C00111	COVID-19: Controlled Protein Capture via Continuous Crystallization and Precipitation for Monoclonal Antibody Manufacturing	93.RD	961,654	621,357
HHS	75F40121C00131	Technologies to Enable Continuous Production of rAAV from Sf9/baculovirus Culture	93.RD	219,264	120,984
HHS	75F40122C00200	COVID-19: Development of an Integrated Continuous cGMP Facility for mRNA Manufacturing	93.RD	34,465,760	25,976,066
		Total for Other HHS		**53,080,617**	**30,854,447**
NIH					
NIH	1-R25-ES034600-01	Short Courses for Teaching Gene-Environment Interactions with a focus on Environmental Justice Communities	93.113	106,691	106,691
NIH	5R21ES036341-02	Leveraging mutational analysis of cell-free DNA to identify carcinogenic exposure and enable early detection of cancer	93.113	182,266	-
NIH	5R25ES034600-04	Short Courses for Teaching Gene-Environment Interactions with a focus on Environmental Justice Communities	93.113	117,121	-
NIH	5-R35-ES028303-08	Mechanism of Eukaryotic Environmental Mutagenesis	93.113	390,558	-
NIH	5R35ES028374-07	Protein Kinase Signaling in the Genotoxic Stress Response	93.113	70,630	-
NIH	5R35ES028374-08	Protein Kinase Signaling in the Genotoxic Stress Response	93.113	394,529	-
NIH	5-T32-ES007020-49	Training Grant in Environmental Toxicology	93.113	189,358	-
NIH	5-T32-ES007020-50	Training Grant in Environmental Toxicology	93.113	658,035	-
NIH	7-R01-DE029342-02 REVISED	Identification and Validation of a Novel Central Analgesia Circuit	93.121	-4,210	-2,167

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5-P42-ES027707-07	The MIT Superfund Research Program: A Systems Approach for the Protection of Human Health from Hazardous Chemicals	93.143	18,665	-
NIH	5-P42-ES027707-08	The MIT Superfund Research Program: A Systems Approach for the Protection of Human Health from Hazardous Chemicals	93.143	2,210,048	-
NIH	5F31HG013052-02	Developing an ultra-high throughput droplet microfluidic workflow for genetic circuit characterization	93.172	45,809	-
NIH	5-F32-HG012307-03	Connecting perturbations of RNA binding proteins to their consequences	93.172	50,302	-
NIH	5-R01-HG002439-20	Regulation and Function of Alternative mRNA Isoform Expression in Mammals	93.172	356,171	-
NIH	5-R01-HG010959-04	Privacy-preserving genomic medicine at scale	93.172	439,228	52,763
NIH	1R01DC021970-01	The brainstem vocal control circuits	93.173	130,626	116,051
NIH	5-R01-DC000238-39	Experimental Theoretical Studies of Cochlear Mechanisms	93.173	242,245	-
NIH	5-R01DC017970-05	Computational Cognitive Neuroscience of Human Auditory Cortex	93.173	153,121	-
NIH	5R01DC020484-03	Neural Mechanisms that Underlie Flexible Sensory Control of Behavioral States in C. elegans	93.173	391,734	-
NIH	5R01DC021464-02	Computational Models of Normal and Impaired Hearing	93.173	389,861	-
NIH	5R01DC021970-02	The brainstem vocal control circuits	93.173	351,096	-
NIH	1-DP1-AT011991-01	Fusion of nanomagnetic and viral tools to interrogate brain-body circuits	93.213	871,573	-
NIH	1-F31-AT012714-01A1	The Brain Bases of Mindfulness	93.213	15,537	-
NIH	1-R01-AT011460-01	Noninvasive sensory stimulation to promote glymphatic-lymphatic clearance for the treatment of Alzheimer's Disease	93.213	74,504	-
NIH	5-R01-AT011460-05	Noninvasive sensory stimulation to promote glymphatic-lymphatic clearance for the treatment of Alzheimer's Disease	93.213	492,813	-
NIH	1F32MH139162-01	A multifunctional fiber platform for wireless, volumetric imaging and modulation of neural activity in vivo	93.242	18,585	-
NIH	1-R01-MH129046-01	CRCNS: Computational principles of mental simulation in the entorhinal and parietal cortex	93.242	147,917	-
NIH	1-RF1-MH121885-01REVISED	Nobrainer: A robust and validated neural network tool suite for imagers	93.242	115,671	96,492
NIH	1-RF1-MH124606-01	Multiplexed Nanoscale Protein Mapping Through Expansion Microscopy and Immuno-SABER	93.242	13,434	13,434
NIH	1RF1MH124606-01 REVISED	Multiplexed Nanoscale Protein Mapping Through Expansion Microscopy and Immuno-SABER	93.242	60,229	-
NIH	1RF1MH132596-01	Highly multiplexed circuit mapping using barcoded rabies viruses and in situ sequencing	93.242	1,144,095	419,351
NIH	1RF1MH132747-01	Psych-DS: A FAIR data standard for behavioral datasets	93.242	403,389	30,440

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	1UM1MH134812-01	Center for Multi-Scale Multi-Omic Human and non-human primate Brain Atlas	93.242	437,160	-
NIH	2R01MH104536-11	Imaging Synaptic Transmission of Individual Active Zones	93.242	72,348	-
NIH	2R01MH112694-06	Simultaneous profiling of neuronal synapse activities, proteins, and messenger RNAs at the single-cell level	93.242	92,222	10,904
NIH	5F31MH133329-02	A brain-wide atlas of astrocyte molecular diversity across developmental stages and model species	93.242	11,427	-
NIH	5-R01-MH060379-24	Functional and anatomical characterization of the striosomal system	93.242	316,269	-
NIH	5R01MH085802-15	Early developmental mechanisms of Rett Syndrome	93.242	457,743	-
NIH	5-R01-MH104536-10 REVISED	Imaging Synaptic Transmission of Individual Active Zones	93.242	242,286	-
NIH	5R01MH121802-05	Mutant Shank3 macaque monkeys for neurobiological studies of ASD	93.242	94,482	-
NIH	5-R01-MH122025-05	CRCNS US-French Research Proposal : Principles of Inference through Neural Dynamics	93.242	-22,655	-
NIH	5R01MH122270-05	Characterization of amygdalar circuits mediating suppression of innate social behaviors	93.242	20,579	-
NIH	5-R01-MH126351-05	Spatiotemporal dynamics of locus coeruleus circuits during learned behavior	93.242	316,970	-
NIH	5R01MH129046-04	CRCNS: Computational principles of mental simulation in the entorhinal and parietal cortex	93.242	182,235	-
NIH	5-R01-MH131715-03	Layer-specific manipulations to test feedforward/feedback cortical circuitry	93.242	138,318	-
NIH	5-R01-MH132172-03	CRCNS: Circuit mechanisms of priors and learning during decision making	93.242	345,568	155,444
NIH	5-R01-MH133066-02	Neuron-astrocyte mechanisms of norepinephrine in goal-directed learning	93.242	108,065	-
NIH	5R01MH133066-03	Neuron-astrocyte mechanisms of norepinephrine in goal-directed learning	93.242	722,394	-
NIH	5-R01-MH135141-02	The role of top-down dendritic processing in credit assignment and cortical dynamics	93.242	724,444	-
NIH	5R21MH130624-02	Investigation of the Synaptic Molecular Network using Multiplexed Imaging	93.242	143,425	-
NIH	5R24MH117295-07	DANDI: Distributed Archives for Neurophysiology Data Integration	93.242	1,802,052	753,049
NIH	5UG3MH126868-03	Hemogenetic imaging technology for circuit-specific analysis of primate brain function	93.242	199,141	-
NIH	5-UG3-MH126869-02	Developing cell type-specific enhancers and connectivity mapping pipelines for marmosets	93.242	-661	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5-UG3-MH126869-03	Developing cell type-specific enhancers and connectivity mapping pipelines for marmosets	93.242	190,461	159,797
NIH	U24MH136628	BBQS AI Resource and Data Coordinating Center (BARD.CC)	93.242	709,182	150,718
NIH	1-R01-DA054584-01	Single-Cell Dissection of Ensembles and Cell Types Mediating Opioid Action in the Rodent Brain	93.279	397,082	-
NIH	1R01DA062195-01	Analyzing brain-wide bases of neuroplastic change using new imaging tools	93.279	290,912	-
NIH	3UE5DA056914-S1	Entrepreneurship and Innovation for Biomedical Product Development (EI4BPD)	93.279	208,383	-
NIH	5-R01-DA029639-12	Novel Platforms for Systematic Optical Control of Complex Neural Circuits In Vivo	93.279	35,024	105,416
NIH	5-R01-DA054584-04	Single-Cell Dissection of Ensembles and Cell Types Mediating Opioid Action in the Rodent Brain	93.279	124,549	-
NIH	5-U01-DA054181-03	A Genetic Engineering Toolbox for Marmosets (GETMarm): Development and optimization of genome editing and assisted reproduction techniques for marmoset models	93.279	-1,876	-
NIH	5-U01-DA054181-04	A Genetic Engineering Toolbox for Marmosets (GETMarm): Development and optimization of genome editing and assisted reproduction techniques for marmoset models	93.279	953,090	-
NIH	5UE5DA056914-02	Entrepreneurship and Innovation for Biomedical Product Development (EI4BPD)	93.279	194,911	20,680
NIH	5UE5DA056914-03	Entrepreneurship and Innovation for Biomedical Product Development (EI4BPD)	93.279	38,530	-
NIH	5UE5DA056914-04	Entrepreneurship and Innovation for Biomedical Product Development (EI4BPD)	93.279	18,272	-
NIH	1-R01-EB027717-01A1	Micro-invasive biochemical sampling of brain interstitial fluid for investigating neural pathology	93.286	85,095	-
NIH	1-R01-EB030946-01	Synthetic gene sensors and effectors to redirect organoid development	93.286	155,170	155,170
NIH	1-R01-EB031082-01A1	Localized immunotherapy using alum-binding therapeutics	93.286	165,561	-
NIH	1-R01-EB031813-01A1	NMR-Based Rapid Fluid Assessment: Device Design and Signal Processing	93.286	339,076	339,913
NIH	1-R01-EB031992-01A1	SMART BIOELECTRONIC IMPLANTS FOR CONTROLLED DELIVERY OF THERAPEUTIC PROTEINS IN VIVO AND ITS APPLICATION IN LONG-TERM TREATMENT OF HEMOPHILIA A	93.286	149,613	-
NIH	1-R21-EB033019-01	Compact Helium-Free Fast-Switching MRI Magnet for Ratiometric Molecular Imaging and Novel Contrast Exploration	93.286	2,669	-
NIH	1R56EB036090-01	Synthetic Genetic Controller Circuits for Transcription Factor-Directed Differentiation	93.286	406,656	120,164

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	2-R01-EB004866-13	Innovative Instrumentation for High Magnetic Field DNP NMR	93.286	1,421	-
NIH	2R56EB017205-08A1	Critical Care R56 Bridge Funding	93.286	50,784	-
NIH	2T32EB019940-06A1	Neurobiological Engineering Training Program	93.286	116,395	-
NIH	5K99EB032427-02	Development of bio-integrated devices to enhance transplant survival for subcutaneous encapsulated cell therapies	93.286	-818	-
NIH	5-R01EB004866-16 REVISED	Innovative Instrumentation for High Magnetic Field DNP NMR	93.286	209,206	-
NIH	5-R01-EB024261-08	Expansion Microscopy	93.286	623,500	-
NIH	5-R01-EB027717-04 REVISED	Micro-invasive biochemical sampling of brain interstitial fluid for investigating neural pathology	93.286	1,546	-
NIH	5R01EB030946-04	Synthetic gene sensors and effectors to redirect organoid development	93.286	301,747	-
NIH	5-R01-EB031082-04	Localized immunotherapy using alum-binding therapeutics	93.286	312,129	-
NIH	5-R01-EB031813-03	NMR-Based Rapid Fluid Assessment: Device Design and Signal Processing	93.286	44,741	-
NIH	5R01EB031813-04	NMR-Based Rapid Fluid Assessment: Device Design and Signal Processing	93.286	248,102	-
NIH	5-R01-EB031992-02	SMART BIOELECTRONIC IMPLANTS FOR CONTROLLED DELIVERY OF THERAPEUTIC PROTEINS IN VIVO AND ITS APPLICATION IN LONG-TERM TREATMENT OF HEMOPHILIA A	93.286	77,963	77,963
NIH	5-R01-EB031992-04	SMART BIOELECTRONIC IMPLANTS FOR CONTROLLED DELIVERY OF THERAPEUTIC PROTEINS IN VIVO AND ITS APPLICATION IN LONG-TERM TREATMENT OF HEMOPHILIA A	93.286	251,011	-
NIH	5-R01-EB034821-03	A Smart Ring for Cuffless Blood Pressure to Reduce Health Disparities in People of Color	93.286	443,271	-
NIH	5R01EB035127-02	An integrated toolkit for real-time analysis of coupled nascent transcription	93.286	345,269	-
NIH	5-R21-EB032607-02	Microfluidics-enabled directed affinity reagent engineering for fast, sensitive diagnostics	93.286	-19,850	-
NIH	5R21EB033019-02	Compact Helium-Free Fast-Switching MRI Magnet for Ratiometric Molecular Imaging and Novel Contrast Exploration	93.286	22,970	-
NIH	5-T32-EB001680-18	Neuroimaging Training Program	93.286	21,529	-
NIH	5-T32-EB001680-20	Neuroimaging Training Program	93.286	177,600	-
NIH	5-U01-EB029132-02	Microvascular Permeability, Inflammation, and Lesion Physiology in Endometriosis: A Microphysiological Systems Approach	93.286	31,297	-
NIH	5-U01-EB031641-03	Toward functional molecular neuroimaging using vasoactive probes in human subjects	93.286	105,769	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5U01EB031641-04	Toward functional molecular neuroimaging using vasoactive probes in human subjects	93.286	546,644	-
NIH	1-DP1-NS137188-01	Unraveling the Neural Bases of Body Schema	93.310	1,048,187	-
NIH	1-DP2-GM140938-01	DYNAMIC BOTTOM-UP DISSECTION OF CHROMATIN LOOPING AND GENE REGULATION	93.310	535,732	-
NIH	1-DP2-GM146248-01	Late Stage Stereochemical Editing to Transform the Synthesis of Bioactive Molecules	93.310	69,327	-
NIH	1-DP2-GM146254-01	Towards fully reconstituting mammalian transcription in a test tube	93.310	55,514	-
NIH	1-DP2-HL168072-01	Circulatronics: A New Paradigm for Biomedical Implants	93.310	345,271	-
NIH	1R01CA300848-01	Resolving transcription factor target search mechanisms	93.310	365,465	-
NIH	3-DP2-HL168072-01S1	Circulatronics: A New Paradigm for Biomedical Implants	93.310	642,428	-
NIH	4-DP2-GM146248-02	Late Stage Stereochemical Editing to Transform the Synthesis of Bioactive Molecules	93.310	368,944	-
NIH	4DP2GM146254-02	Towards fully reconstituting mammalian transcription in a test tube	93.310	305,376	-
NIH	4-UH3-CA275687-03	Year 3: Single-cell label-free identification of senescence by Raman microscopy and spatial genomics	93.310	180,625	3,163
NIH	5DP5OD026369-05	Dissecting and engineering reversible cell cycle states	93.310	35,091	-
NIH	5-R01-ES031576-05	Epigenetics of the human gut microbiome	93.310	112,234	-
NIH	5-U24-OD026638-04	Knockin marmoset reporters for non-invasive measuring of genome-editing efficiency	93.310	-1,041	-
NIH	1-S10-OD028706-01A1	Q-band Upgrade to an X-band Pulsed EPR spectrometer	93.351	23,867	-
NIH	5-U01-CA250554-02	Developing high-throughput genetic perturbation strategies for single cells in cancer organoids	93.353	202	-
NIH	5-U01-CA250554-03	Developing high-throughput genetic perturbation strategies for single cells in cancer organoids	93.353	162,402	-
NIH	1OT2CA297463-01	Solving TCR recognition and design via integrated high-throughput screening, structural, functional, and computational approaches	93.393	432,468	-
NIH	1OT2CA297570-01	PROSPECT - Stem cell models	93.393	387,950	-
NIH	5-K00-CA253687-04	Dissecting the molecular mechanisms of PRC2 dysregulation in cancer	93.393	95,004	-
NIH	5-K00-CA253767-06	Evaluating evolutionary dynamics in pancreatic adenocarcinoma	93.393	94,709	-
NIH	5K00CA264312-04	Cellular engineering to improve the efficacy and specificity of targeted immunotherapy	93.393	103,270	-
NIH	5-R01-CA080024-28	Intra and Extra-Chromosomal Probes for Mutagenesis by Carcinogens	93.393	312,131	-
NIH	5R01CA290188-02	Impact of DNA Repair Pathway Interactions on the Molecular and Physiological Consequences of Methylation Damage	93.393	422,032	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5-R21-CA256081-03	Innovative Droplet Lenses for NextGen Light Sensors of Biomarkers of Inflammation	93.393	-424	-
NIH	1-R21-CA259840-01	High-efficiency microfluidic cell fusion for dendritic cell/tumor cell vaccine production	93.394	16,800	17,299
NIH	1R33CA291166-01A1	Advanced Development of Patient Ascites Therapeutic Response Biosensors	93.394	57,679	-
NIH	1U01CA282163-01A1	Targeting minimal residual disease in AML by using single-cell morphological and biophysical analysis with deep learning	93.394	478,181	28,649
NIH	5-R01-CA218094-06	Deep learning based antibody design using high-throughput affinity testing of synthetic sequences	93.394	250,262	-
NIH	5-R01-CA220468-08	Bottlebrush polymer prodrugs for targeted delivery of combination therapies and in vivo imaging of pharmacological response	93.394	719,391	437,373
NIH	5-R01-CA235740-05	Microengineered Technologies for Quantitative, Multiplexed and Spatially Resolved Measurement of miRNA in Tissue Sections	93.394	105,039	57,814
NIH	5-R01-CA249151-05	Increasing nerve-sparing radical prostatectomy rates using intraoperative nonlinear microscopy	93.394	358,935	164,853
NIH	5-R01-CA252216-03	Omniview tethered capsule folow cost , non-endoscopic Barretts esophagus screenings in unsedated patients	93.394	-1,290	4,721
NIH	1-R01-CA226898-01A1	RNA-Binding Proteins as Molecular Integrators that Control the Response of HGSOC to Ant-Cancer Therapies	93.395	108,310	-
NIH	1-R01-CA235375-01A1	Delivery of cytokines for cancer immunotherapy using nanolayer-controlled trafficking of liposomal nanoparticles	93.395	-3,537	-
NIH	1-R01-CA247632-01	Enhancing CAR-T cell activity against solid tumors by vaccine boosting through the chimeric receptor	93.395	8,998	8,998
NIH	1-R01-CA271243-01	Intratumoral Cytokine Immunotherapy Studies in Companion Canine Cancer Models	93.395	407,973	407,973
NIH	1UM1CA294108-01	Chemical Approaches to Modulate PAX3-FOXO1 in Fusion-Positive Alveolar Rhabdomyosarcoma	93.395	1,509,226	961,404
NIH	2R01CA235375-06	Delivery of cytokines for cancer immunotherapy using nanolayer-controlled trafficking of liposomal nanoparticles	93.395	28,319	-
NIH	5-R01-CA073808-27	Human Ribonuclease as a Cytotoxin	93.395	297,824	-
NIH	5-R01-CA235375-05	Delivery of cytokines for cancer immunotherapy using nanolayer-controlled trafficking of liposomal nanoparticles	93.395	-10,217	-
NIH	5-R01-CA247632-05	Enhancing CAR-T cell activity against solid tumors by vaccine boosting through the chimeric receptor	93.395	168,180	-
NIH	5-R01-CA271243-04	Intratumoral Cytokine Immunotherapy Studies in Companion Canine Cancer Models	93.395	337,749	-
NIH	5-U01-CA265706-03	Immunotherapy via engineered therapeutic programs in tumors using RNA	93.395	252,974	79,166

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5U01CA265706-04	Immunotherapy via engineered therapeutic programs in tumors using RNA	93.395	492,721	31,358
NIH	1-R01-CA245314-01A1	Impact of fasting on intestinal stem cells and cancer	93.396	72,004	-
NIH	1-R21-CA257980-01A1	A cell-cycle induced genetic recorder for simultaneous recovery of cell divisions and lineage	93.396	16,419	16,419
NIH	1R37CA273819-01A1	Understanding the induction of T cell dysfunction in the context of lung cancer.	93.396	6,351	4,009
NIH	3-U01-CA238720-05	Identification of adaptive response mechanisms in breast cancer by information theory and proteomics	93.396	219,791	178,360
NIH	5R01CA233477-05	Identifying and targeting evolutionary trajectories in cancer	93.396	938	-
NIH	5R01CA245314-05	Impact of fasting on intestinal stem cells and cancer	93.396	160,497	-
NIH	5-R01-CA248280-05	Rapid ex vivo biosensor cultures to assess dependencies in gastroesophageal cancer	93.396	369,701	-
NIH	5-R21-CA257980-02	A cell-cycle induced genetic recorder for simultaneous recovery of cell divisions and lineage	93.396	87,619	-
NIH	5-R33-CA257878-02-REVISED	Super-resolution microscopy for dynamic analysis of focal enhancer amplifications in cancer	93.396	207,539	-
NIH	5-R35-CA242379-03	Understanding the role of metabolism in cancer	93.396	771,471	-
NIH	5R35CA274464-02	Studying factors controlling cancer progression and immune recognition in mouse models	93.396	107,817	-
NIH	5R35CA274464-03	Studying factors controlling cancer progression and immune recognition in mouse models	93.396	774,273	-
NIH	5R37CA273819-03	Understanding the induction of T cell dysfunction in the context of lung cancer.	93.396	747,930	-
NIH	5-U01-CA253547-03	Identifying therapeutic pathways targeting medulloblastoma-immune cell interactions	93.396	131,398	116,812
NIH	5-U01-CA253547-04	Identifying therapeutic pathways targeting medulloblastoma-immune cell interactions	93.396	428,039	327,102
NIH	5UG3CA275687-02	Single-cell label-free identification of senescence by Raman microscopy and spatial genomics	93.396	302,940	315,884
NIH	7-R01-CA248280-03	Rapid ex vivo biosensor cultures to assess dependencies in gastroesophageal cancer	93.396	16,294	12,281
NIH	1U54CA261694-01	Mechanical determinants of organ-selective metastatic colonization, dormancy and outgrowth	93.397	33,247	33,247
NIH	1U54CA261694-03	Mechanical determinants of organ-selective metastatic colonization, dormancy and outgrowth	93.397	796,289	642,048
NIH	1U54CA261694-03S1	Mechanical determinants of organ-selective metastatic colonization, dormancy and outgrowth	93.397	92,134	70,737

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	1U54CA261694-04	Mechanical determinants of organ-selective metastatic colonization, dormancy and outgrowth	93.397	1,196,258	611,452
NIH	1-U54-CA283114-01	Quantitative systems biology of glioblastoma cells and their interactions with the neuronal and immunological milieu	93.397	716,002	551,916
NIH	3U54CA261694-04S1	Mechanical determinants of organ-selective metastatic colonization, dormancy and outgrowth	93.397	52,957	-
NIH	3U54CA283114-02S1	Quantitative systems biology of glioblastoma cells and their interactions with the neuronal and immunological milieu	93.397	111,345	-
NIH	5-P30-CA014051-52	Cancer Center Support (CCSG) Grant	93.397	-516	-
NIH	5-P30-CA014051-53	Cancer Center Support (CCSG) Grant	93.397	3,538,531	-
NIH	5U54CA283114-02	Quantitative systems biology of glioblastoma cells and their interactions with the neuronal and immunological milieu	93.397	1,215,136	537,684
NIH	4-K00CA284262-02	Controlled Antigen Delivery for Prophylactic Cancer Vaccination	93.398	1,086	-
NIH	5-F31-CA275339-03	Interrogation of retroelement-derived proteins for functional gene transfer	93.398	39,736	-
NIH	5F32CA265042-03	Elucidating the molecular mechanisms of PRMT5i response and resistance in LUAD and PDAC	93.398	383	-
NIH	5F99CA274651-02	Engineering Next-Generation Nanoparticles One Layer at a Time	93.398	3,795	-
NIH	5-F99-CA284280-02	Mapping p53 dynamics to cell-fate outcomes in reprogramming and oncogenesis	93.398	45,022	-
NIH	5-K00-CA284262-03	Controlled Antigen Delivery for Prophylactic Cancer Vaccination	93.398	96,532	-
NIH	5K99CA287057-02	Dietary Control of the Pro-Metastatic Niche in Colorectal Cancer	93.398	138,333	-
NIH	1F32HL178155-01	Investigating the Role of Extracellular Matrix in Down Syndrome Associated Cardiac Phenotypes	93.837	34,256	-
NIH	1-R01-HL172065-01A1	Multi-electroplasmonic nanoantenna arrays for wireless transmembrane-level recording of cardiomyocyte action potentials with sub-micrometer resolution	93.837	443,061	-
NIH	1R56HL166813-01A1	Modulation of pressure overload in chronic animal and in vitro models to elucidate associated effects on hemodynamics and left ventricular plasticity	93.837	30,535	-
NIH	5-F31-HL170537-02	Optimization of Right and Left Ventricular Coupling During Mechanical Circulatory Support	93.837	24,635	-
NIH	5R01HL153857-05	Stretchable Hydrogel Bioinks-Enabled Microfluidic Bioprinting of Functional Small-Diameter Blood Vessels	93.837	293,966	198,658
NIH	5-R01-HL161069-04	Personalized lesion modification optimizes atherosclerosis intervention	93.837	761,475	97,172
NIH	5R01HL167947-02	Atraumatic Non-fibrotic Epicardial Pacing with E-Bioadhesive Devices	93.837	435,857	124,370

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	7-R01-HL151240-05	An Unobtrusive Continuous Cuff-less Blood Pressure Monitor for Nocturnal Hypertension (Yr 5 submission)	93.837	439,185	18,484
NIH	1-R21-HL177773-01	Emulated Target Trials of Steroids in Patients with Acute Respiratory Distress Syndrome	93.838	7,714	-
NIH	5-F32-HL162428-02	The Role of Macrophages in Pulmonary Regeneration using a Bioengineered Whole Lung Tissue Model	93.838	2,821	-
NIH	5-R01-HL162564-04	Nonviral delivery techniques for in vivo prime editing	93.838	362,337	-
NIH	1-R01-HL158102-01	Single-cell measurement of cyclic stress on sickle blood cells by imaging-microfluidics	93.839	220,203	-
NIH	5-R01-HL158102-04	Single-cell measurement of cyclic stress on sickle blood cells by imaging-microfluidics	93.839	262,587	185,775
NIH	1-R01-AR082995-01A1	Arthritis, Musculoskeletal and Skin Diseases Research	93.846	621,577	-
NIH	1-R56-AR082995-01	Collagen Proteostasis in Heath and Disease	93.846	-32,003	-
NIH	5-R01-AR080392-03	Developing an Objective and Quantifiable Measure of Itch Using Artificial Intelligence and Radio Signals	93.846	50,700	-
NIH	1K99DK139418-01 REVISED	New siRNA therapeutics to halt diabetic kidney disease	93.847	71,977	-
NIH	1-R01-DK140310-01	The lysosomal fasting response in intestinal stem cells and cancer	93.847	98,138	83,563
NIH	5R01DK140310-02	The lysosomal fasting response in intestinal stem cells and cancer	93.847	373,961	-
NIH	1F31NS141336-01	In vivo measurement of human brain tissue, blood, and CSF dynamics supporting glymphatic function	93.853	23,967	-
NIH	1-R01-NS115576-01	Wireless Magnetomechanical Neuromodulation of Targeted Circuits	93.853	-48	-
NIH	1-R01-NS115576-01 REVISED	Wireless Magnetomechanical Neuromodulation of Targeted Circuits	93.853	-9,609	-
NIH	1R01NS121073-01A1	Analysis of integrated brain functions using hemogenetic imaging	93.853	75,927	75,927
NIH	1R01NS141960-01	Mechanisms of network-scale neural regeneration in a new neuroscience model.	93.853	40,010	-
NIH	1-R21-NS120088-01A1	A high-throughput open-well system for engineering neurovascular units	93.853	62,584	-
NIH	1-RF1-NS129032-01	Single-cell multi-region transcriptional and epigenomic dissection of VCID	93.853	324,654	76,047
NIH	1-UM1NS132173-01	Comprehensive regional projection map of Marmoset with single axon and cell type resolution	93.853	3,161,632	2,430,346
NIH	3-R01-NS113245-04S1	Functional dissection of thalamocortical interactions through genetically-defined TRN subnetworks	93.853	157	-
NIH	3-R01-NS113245-05S1	Functional dissection of thalamocortical interactions through genetically-defined TRN subnetworks	93.853	184,848	185,649
NIH	4K00NS118740-03	Investigating the neural mechanisms underlying music event prediction	93.853	63,365	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	4R00NS128717-02	Developing Tools to Probe DnaJB6 Dynamics in Spinobulbar Muscular Atrophy	93.853	170,632	-
NIH	5-F31-NS127458-02	Profiling Axonal Specializations in Dopamine Neurons and Their Alterations in Parkinson’s Disease Models	93.853	594	-
NIH	5-F32-NS128067-02	Single Cell Dissection of Cerebrovascular Dysfunction in Parkinson's Disease and Amyotrophic Lateral Sclerosis	93.853	77,229	-
NIH	5-K00-NS113459-05	The development of subnetworks of the TRN	93.853	66,057	-
NIH	5-R00-NS119749-05	A new animal model to examine nervous system function, development, and regeneration	93.853	106,575	-
NIH	5R01NS040296-23	Characterization of the Drosophila Synaptotagmin Family	93.853	241,387	-
NIH	5R01NS089076-10	Epigenetic pathology and therapy in Huntington's disease	93.853	258,567	-
NIH	5-R01-NS113079-05	Dendritic Computation and Representation of Head Direction in Retrosplenial Cortex	93.853	811	-
NIH	5-R01-NS117588-05	Molecular and Cellular Mechanisms Mediating Structural and Functional Active Zone Maturation	93.853	176,174	-
NIH	5R01NS119519-04	Sensorimotor learning through adjustments of cortical dynamics	93.853	205,348	-
NIH	5-R01-NS121073-04	Analysis of integrated brain functions using hemogenetic imaging	93.853	350,391	-
NIH	5-R01-NS121078-02	Human 3D Neuro-Vascular Interaction and Meningeal Lymphatic Models with Application to Alzheimer’s Disease	93.853	268,800	268,800
NIH	5R01NS121078-05	Human 3D Neuro-Vascular Interaction and Meningeal Lymphatic Models with Application to Alzheimer’s Disease	93.853	313,392	-
NIH	5-R01-NS123120-04	Non-Human Primate Model for Developing Closed-Loop Anesthesia Delivery Systems	93.853	389,616	-
NIH	5-R01-NS130361-03	Astrocyte-neuron circuits underlying cortical mechanisms of learned behavior	93.853	373,545	-
NIH	5R01NS131457-03	Brain-wide representations of behavior during aversive internal states in C. elegans	93.853	298,101	-
NIH	5-R01-NS135616-02	Elucidating neural mechanisms underlying sickness behaviors	93.853	487,496	-
NIH	5-R35-NS127327-04	Molecular Mechanisms Underlying Cell Type-Specific Vulnerability in Huntington’s Disease	93.853	535,744	-
NIH	5-R35-NS137370-02	Subcortico-cortical mechanisms of sensorimotor coordination, integration, and learning	93.853	354,652	-
NIH	5-T32-NS105587-03	Computationally Enabled Integrative Neuroscience	93.853	-2,153	-
NIH	5-T32-NS105587-04	Computationally Enabled Integrative Neuroscience	93.853	-16,055	-
NIH	5-U01-NS121471-02	Computational neuroscience of language processing in the human brain	93.853	430,723	285,080
NIH	5-U01-NS121471-03	Computational neuroscience of language processing in the human brain	93.853	-77,588	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5U01NS121471-04	Computational neuroscience of language processing in the human brain	93.853	76,743	-
NIH	5-U01-NS121471-05	Computational neuroscience of language processing in the human brain	93.853	570,921	337,468
NIH	5UH3NS115064-04	Year 2: Construction of an integrated immune - vascular brain - chip as a platform for the study, drug screening, and treatments of Alzheimer's disease	93.853	133,526	136,959
NIH	1-DP2-AI158126-01	Repertoire-scale T cell antigen identification via peptide-MHC lentivirus display	93.855	1,013,302	-
NIH	1-R01-AI168166-01A1	Defining the Interplay Between Viral Adaptation and Host Proteostasis	93.855	98,127	98,127
NIH	1R01AI175489-01	"Extended dosing" immunization to enhance humoral immunity to next-generation vaccines	93.855	37,867	-
NIH	1-R21-AI167289-01	Identifying mucin O-glycans in the regulation of Staphylococcus aureus pathogenesis	93.855	56,203	56,203
NIH	1-R61-AI161297-01	Immune engineering of optimized sequential immunization strategies for HIV vaccines	93.855	37,358	37,358
NIH	2-R01-AI055258-16	Synthetic Ligands for Directing Immune Responses	93.855	-12	-
NIH	2-R01-AI126592-07A1	Chemical Probes of Mycobacteria	93.855	38,285	-
NIH	3-R01-AI152209-02S1	Heritable immunization of the white-footed mouse reservoir of Lyme disease	93.855	15,793	-
NIH	3U19AI167899-03S1	Maternal Omics to Maximize Immunity	93.855	6,686	4,224
NIH	4-R33-AI161297-04	Immune engineering of optimized sequential immunization strategies for HIV vaccines	93.855	552,833	367,913
NIH	4R33AI161805-04	Combinatorial and computational design of bnAb mRNA vaccines for HIV	93.855	270,910	171,017
NIH	5F32AI161868-03	Engineering chimeric gene therapy vectors with enhanced packaging capacity - PDF: V. Madigan	93.855	-10,972	-
NIH	5-F32-AI164829-03	Controlling Vaccine Kinetics with Small Molecule Drugs	93.855	40,699	-
NIH	5F32AI172121-03	Investigating genes of unknown function required for Rickettsia parkeri infection	93.855	73,062	-
NIH	5-R01-AI055258-20	Synthetic Ligands for Directing Immune Responses	93.855	206,628	-
NIH	5-R01-AI126592-10	Chemical Probes of Mycobacteria	93.855	677,524	-
NIH	5-R01-AI141543-04	Target-specific antimalarial compound identification using phenotypic assays	93.855	7,171	-
NIH	5-R01-AI152209-04	Heritable immunization of the white-footed mouse reservoir of Lyme disease	93.855	1,913,199	591,285
NIH	5R01AI155489-04	Mechanisms of SFG Rickettsia-Host Interactions	93.855	711,812	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5-R01-AI162307-03	Investigation of Synthetic DNA-based Viral Particles for Spatially Controlled Antigen Presentation	93.855	190,021	-
NIH	5-R01-AI162307-04	Investigation of Synthetic DNA-based Viral Particles for Spatially Controlled Antigen Presentation	93.855	201,926	-
NIH	5-R01-AI168166-03	Defining the Interplay Between Viral Adaptation and Host Proteostasis	93.855	601,493	-
NIH	5-R01-AI175489-02	"Extended dosing" immunization to enhance humoral immunity to next-generation vaccines	93.855	292,454	-
NIH	5-R01-AI178713-02	Unlocking serology's secrets: harnessing novel immune biomarkers to predict Lyme disease progression and recovery	93.855	545,990	-
NIH	5R21AI167289-02	Identifying mucin O-glycans in the regulation of Staphylococcus aureus pathogenesis	93.855	8,235	-
NIH	5-R21-AI171663-02	Biochemical Strategy to Avert Microbial Drug Resistance	93.855	6,852	-
NIH	5-R21-AI179432-02	Mechanism of nuclear pore passage of the HIV-1 capsid	93.855	248,451	-
NIH	5-R21-AI181878-02	Systematic identification of novel anti-phage defense mechanisms in the E. coli pangenome	93.855	231,227	-
NIH	5R33AI161805-05	Combinatorial and computational design of bnAb mRNA vaccines for HIV	93.855	351,856	-
NIH	5-R61-AI161297-03	Immune engineering of optimized sequential immunization strategies for HIV vaccines	93.855	-1,371	-
NIH	5-R61-AI161805-02	Combinatorial and computational design of bnAb mRNA vaccines for HIV	93.855	25,595	16,502
NIH	1-DP2-GM140922-01	An Evolutionary Framework For Identifying Determinants Of Colonization In Human Microbiomes	93.859	214,634	-
NIH	1-DP2-GM149549-01	New insights into the molecular regulation of mechanotransduction	93.859	494,202	-
NIH	1-DP2-GM154015-01	Protecting microbes so they can protect us	93.859	465,124	-
NIH	1F31GM154461-01	Quantifying the contribution of supracellular actomyosin networks during mouse neural tube closure	93.859	44,162	-
NIH	1F32GM154393-01A1	Dynamics and mechanisms of long-range enhancer activity	93.859	8,609	-
NIH	1F32GM154448-01	Investigating mechanisms of coordinating actin structure across multiple levels of order	93.859	65,288	-
NIH	1F32GM157940-01	Machine Learning and Automated Flow Synthesis for the Development of Peptide Catalysts for the Stereo- and Site-Selective Formation of C–C Bonds	93.859	33,208	-
NIH	1K99GM149815-01	Dissecting enhancer-promoter looping and gene induction dynamics in differentiation	93.859	113,433	-
NIH	1-R01-GM137138-01	A high-resolution 1.3-GHz LTS/HTS NMR magnet (1.3G)	93.859	7,004	-
NIH	1-R01-GM147794-01	A Benchtop Cryogen-Free 23.5-T/25-mm-RT-Bore Magnet for 1-GHz microcoil NMR Spectroscopy	93.859	262,211	-

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NIH	1-R21-GM141616-01	Accelerated discovery of synthetic polymers for ribonucleoprotein delivery through the integration of active learning, machine learning, and polymer science	93.859	24,968	-
NIH	1R35GM156872-01	Chemical Approaches to Understanding the Mechanisms of Iron-Sulfur Enzymes	93.859	215,284	-
NIH	1R35GM157324-01	Biogeography of Microbial and Plant-Derived Redox-Active Small Molecules and Combinatorial Effects on Microbial Growth	93.859	83,822	-
NIH	1-R35-GM157624-01	Cationic Carbone-Boracycles as Far-Red and Near-Infrared Photoactive Agents	93.859	75,444	-
NIH	1R35GM158437-01	Synthesis and Applications of Oligophosphate Constructs	93.859	18,899	-
NIH	2-R01-GM126376-05	Metallobiochemistry of innate immunity and bacterial physiology	93.859	150,346	151,429
NIH	2-R01-GM131627-06 REVISED	Structure and function of the monotopic phosphoglycosyl transferase superfamily: Initiators of biosynthesis of complex bacterial glycoconjugates	93.859	190,613	-
NIH	3-F32-GM143898-03S1 REVISED	Determinants of elongation rate differences between B. subtilis and E. coli RNA polymerases	93.859	3,000	-
NIH	3R01GM132997-36S1	High Field DNP and EPR in Biological Systems	93.859	1,052,076	-
NIH	3-R01-GM145787-02S1	Chemical Approaches to Studying the Mechanisms and Biophysical Properties of Complex Metallocofactors	93.859	38,552	-
NIH	3-R01-GM145787-03S1	Chemical Approaches to Studying the Mechanisms and Biophysical Properties of Complex Metallocofactors	93.859	142,048	-
NIH	3-R35-GM122483-08S1	Metal-Catalyzed Methods for Organic Synthesis	93.859	173,106	-
NIH	3-R35-GM136354-05S1	Leveraging Next-Generation Directed Evolution Platforms and Chemical Control of Proteostasis to Deliver Robust Biotechnologies and Illuminate Roles of Chaperone Networks in Protein Evolution	93.859	-4,375	-
NIH	3-R35-GM144115-03S1	Tissue morphogenesis: From signals to forces	93.859	248,320	-
NIH	3-R35GM148220-02S1	Protein Chemistry	93.859	196,931	-
NIH	4R00GM126277-03	Non-cleaved Electro-Mechanical Expansion (NEME) technology for super-resolution imaging of biological samples with conventional optical microscopes	93.859	-22,602	-
NIH	5 R01 GM131627-06	Structure and function of the monotopic phosphoglycosyl transferase superfamily: Initiators of biosynthesis of complex bacterial glycoconjugates	93.859	75,481	69,199
NIH	5 R01GM114547-12	Synthetic Methods based on Biphilic Phosphorus Catalysts	93.859	380,273	-
NIH	5-F31-GM148069-03	Enzymatic Mechanism of Polysaccharide Length Control by GlfT2	93.859	43,825	-
NIH	5F32GM140548-03	Mechanistic dissection of dynamics of transcriptional regulation by chromatin looping	93.859	17,861	-
NIH	5-F32-GM143840-03	Structural Determination and Design of Drug Interactions with Ribonucleotide Reductase	93.859	18,531	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5-F32-GM143898-03	Determinants of elongation rate differences between B. subtilis and E. coli RNA polymerases	93.859	29,668	-
NIH	5-F32-GM145072-03	Structure function investigations of radical transfer and disulfide exchange in a class Ia ribonucleotide reductase	93.859	41,621	-
NIH	5-F32-GM146391-03 REVISED	Enantioselective Thioetherification of Olefins Guided by CuH Catalysis	93.859	59,761	-
NIH	5F32GM147996-03	Development of Novel Biphilic Phosphorus Catalysts via Computational Modeling and Multidimensional Analysis	93.859	75,225	-
NIH	5F32GM150211-02	Peptide-Conjugated Palladium Oxidative Addition Complexes for Site-Selective Arylation Chemistry	93.859	70,178	-
NIH	5-F32-GM153091-02	Developing Selective P-catalysts for Dehydrative Transformations	93.859	59,193	-
NIH	5F32GM153117-02	Stereochemical Editing of Quaternary Stereocenters Enabled by Enantioselective Recombination of C–C Bonds	93.859	42,768	-
NIH	5-K99-GM148718-02	Cytotoxicity and function of incomplete proteins	93.859	58,231	-
NIH	5-K99-GM152834-02	Regulation of oxidative stress signaling by tyrosine phosphorylation of antioxidant enzymes	93.859	81,473	-
NIH	5R00GM126277-05	Non-cleaved Electro-Mechanical Expansion (NEME) technology for super-resolution imaging of biological samples with conventional optical microscopes	93.859	6,712	-
NIH	5-R00-GM140265-04	Understanding mechanisms of transcriptional regulation by chromatin adaptor proteins	93.859	286,811	-
NIH	5-R01-GM024663-47	Genetic Analysis of Nematode Egg Laying and Co-regulated Behavioral Systems	93.859	342,632	-
NIH	5R01GM039334-36	Deciphering the Principles of Membrane-Associated Glycan Assembly for Glycoconjugate Biosynthesis	93.859	273,462	179,043
NIH	5-R01-GM085319-16	Function of Sequence-specific RNA Binding Proteins	93.859	325,777	-
NIH	5R01GM088204-14	Structures and Dynamics of Proton- and Cation-Dependent Channels and Transporters	93.859	317,774	-
NIH	5-R01-GM114190-09	Polymer models of mitotic and interphase chromosomes	93.859	195,951	-
NIH	5-R01-GM118695-07	Bioinorganic Explorations of Host-defense Proteins	93.859	319,060	-
NIH	5-R01-GM126376-08	Metallobiochemistry of innate immunity and bacterial physiology	93.859	217,979	-
NIH	5R01GM130936-04	Reagents for Chemical Oligophosphorylation, Synthesis of Oligophosphate-Organic Molecule Conjugates, and Biochemical Studies	93.859	46,656	-
NIH	5-R01-GM135413-04	Dissecting the functional organization of the serotonergic system in C. elegans	93.859	3	-
NIH	5-R01-GM136882-05 REVISED	Modeling the Organometallic Chemistry of Radical S-adenosylmethionine Enzymes	93.859	223,484	-
NIH	5-R01-GM137138-02	A high-resolution 1.3-GHz LTS/HTS NMR magnet (1.3G)	93.859	30,638	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5-R01-GM137138-04	A high-resolution 1.3-GHz LTS/HTS NMR magnet (1.3G)	93.859	168,218	-
NIH	5R01GM139055-04	Diamond Rotors	93.859	386,595	-
NIH	5-R01-GM140108-04	Mechanobiology of Vimentin Intermediate Filaments in 3D Collective Cell Migration	93.859	82,353	-
NIH	5-R01-GM140108-05	Mechanobiology of Vimentin Intermediate Filaments in 3D Collective Cell Migration	93.859	401,129	221,805
NIH	5R01GM141025-04	Microbial Control of Host Intercellular Communication	93.859	343,762	-
NIH	5-R01-GM141275-04	Selective Catalytic Strategies for Carbohydrate Synthesis	93.859	256,110	-
NIH	5R01GM144542-04	Tools to determine and analyze the structures of molecular machines in motion	93.859	238,627	-
NIH	5R01GM145787-03S1	Chemical Approaches to Studying the Mechanisms and Biophysical Properties of Complex Metallocofactors	93.859	152,290	-
NIH	5-R01-GM147794-03	A Benchtop Cryogen-Free 23.5-T/25-mm-RT-Bore Magnet for 1-GHz microcoil NMR Spectroscopy	93.859	245,829	-
NIH	5-R01-GM147960-04	Mechanisms of replication origin licensing studied by real-time single-molecule fluorescence	93.859	444,197	320,412
NIH	5R01GM150901-02	Measuring single-cell water content non invasively and with high precision	93.859	381,583	-
NIH	5-R21-GM141616-02	Accelerated discovery of synthetic polymers for ribonucleoprotein delivery through the integration of active learning, machine learning, and polymer science	93.859	-10,394	-
NIH	5-R35 -GM142634-05	Mechanisms regulating ribosome assembly and function in stem cells and vertebrate development.	93.859	343,326	-
NIH	5R35-GM122483-09	Metal-Catalyzed Methods for Organic Synthesis	93.859	1,131,825	-
NIH	5R35GM122488-10	Studies on cell polarity, chemotropism, and cell cycle control	93.859	742,658	-
NIH	5-R35GM124732-08	Evolution and Regulation of Bacterial Proteome Composition	93.859	450,398	-
NIH	5-R35GM126982-08	Metalloenzyme structure, function and assembly	93.859	438,326	-
NIH	5-R35-GM133580-05	From epigenome to genome and back: disentangling the relationship between epigenetic modifications and chromatin organization	93.859	-280	-
NIH	5-R35-GM133580-07	Probing and Perturbing Transcriptional Condensates with Multiscale Modeling and Deep Learning	93.859	409,224	-
NIH	5-R35-GM136354-05 REVISED	Leveraging Next-Generation Directed Evolution Platforms and Chemical Control of Proteostasis to Deliver Robust Biotechnologies and Illuminate Roles of Chaperone Networks in Protein Evolution	93.859	8,564	-
NIH	5R35GM141517-04 REVISED	Structure and function of ClpXP	93.859	186,758	-
NIH	5-R35-GM141834-04	Structure-Function of Nucleo-Cytoplasmic Communication	93.859	490,673	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5R35GM141861-05	Manifold representations and active learning for 21 st century biology	93.859	581,839	-
NIH	5-R35-GM141963-05	Development of New Strategies for Chemical Synthesis and Study of Complex Natural Products	93.859	566,237	-
NIH	5-R35-GM143033-04	Multiscale tools and approaches for understanding and engineering cell-fate transitions	93.859	395,360	-
NIH	5R35GM144115-04	Tissue morphogenesis: From signals to forces	93.859	476,900	-
NIH	5-R35GM148220-03	Protein Chemistry	93.859	403,729	-
NIH	5-R35-GM148287-02	Revealing transmembrane conformational signaling through single-molecule FRET	93.859	43,106	-
NIH	5-R35-GM148287-02 REVISED	Revealing transmembrane conformational signaling through single-molecule FRET	93.859	523,203	-
NIH	5-R35-GM148343-03	Mechanisms and regulation of replication, the cell cycle, gene expression, and horizontal gene transfer in prokaryotes, focusing on Bacillus subtilis	93.859	717,781	-
NIH	5-R35GM149227-03	Computational and Experimental Investigation and Design of Protein Interaction Specificity	93.859	740,950	-
NIH	5-R35GM152027-01	Revealing Nature's Blueprints for Single-Site Catalysis of C-H Activation with First-principles Modeling and Machine Learning	93.859	221,573	-
NIH	5-RM1-GM135102-04	A universal pipeline for functional characterization of the human microbiota at a massive scale	93.859	1,194,849	1,186,322
NIH	5-RM1-GM135102-05	A universal pipeline for functional characterization of the human microbiota at a massive scale	93.859	117,470	18,078
NIH	5-T32 GM136540-02 REVISED	Pre-doctoral Training in Fundamental Approaches to Biochemistry and Cell and Molecular Biology	93.859	12,478	-
NIH	5-T32 GM136540-04	Pre-doctoral Training in Fundamental Approaches to Biochemistry and Cell and Molecular Biology	93.859	1,480,080	-
NIH	5-T32-GM087237-15	Graduate Training in Computational and Systems Biology	93.859	52,920	-
NIH	1F32HD116425-01A1	Developing a Biomimetic Lactating Mammary Lobe for Therapeutic Safety	93.865	26,172	-
NIH	1F32HD117580-01A1	Understanding how experience shapes language development through comparisons of large language models and neural representations	93.865	17,742	-
NIH	1-R01-HD105947-01	Genetically Programmed Pancreatic Organoids with Self-Adaptive Multi-Lineage Population Control	93.865	211,835	135,606
NIH	1-R01-HD114214-01	Integrating tissue engineering and microfluidics to model the spatial niches of the human endometrium in vitro with guidance from in vivo multiomics data	93.865	51,245	51,245
NIH	5-F32-HD096829-04	How infants use the affiliations of their caregivers to evaluate others.	93.865	1,185	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5-F32-HD108930-03	Metabolic Regulation of Pancreatic Epithelium Development	93.865	25,538	-
NIH	5-F32-HD110967-02	Neurocognitive Foundations of Morphological Processing in Children with Dyslexia	93.865	52,288	-
NIH	5R01HD103847-04	How do Cortical regions selective for visual scenes develop in human infants?	93.865	223,222	-
NIH	5-R01-HD105947-04	Genetically Programmed Pancreatic Organoids with Self-Adaptive Multi-Lineage Population Control	93.865	345,512	-
NIH	5R01HD110335-04	Parsing the Interplay Between Biophysical and Biochemical Microenvironment Cues On Endometriosis Lesion Phenotypes Using Microphysiologial Systems	93.865	358,419	-
NIH	5-R01-HD114214-02	Integrating tissue engineering and microfluidics to model the spatial niches of the human endometrium in vitro with guidance from in vivo multiomics data	93.865	376,783	-
NIH	1-R01-AG070831-01	Mechanisms of pathology and neuronal hyperactivity in a memory circuit in Alzheimer's disease	93.866	397,134	-
NIH	1-R01-AG074003-01	Single-cell epigenomic and trancriptional dissection of sex-specific differences in Alzheimer’s Disease	93.866	317,866	-
NIH	1-R01-AG087374-01	Lipid imaging expansion microscopy to study Alzheimer's disease	93.866	508,023	-
NIH	1-R56-AG081376-01	Investigating cell-type specific convergence of APOE and ABCA7 lipid dysregulation in Alzheimer’s disease	93.866	38,471	-
NIH	1-RF1-AG058504-01 REVISED	Solid State NMR Studies of Amyloid Proteins	93.866	13,145	-
NIH	1-RF1-AG075901-01A1	The effects of Alzheimer's disease risk genes on metabolism and signaling across cell types	93.866	1,376,919	574,485
NIH	2-R56-AG049897-06A1	Health care hotspotting: inside the Camden Coalition's superutilizer program	93.866	60,406	-
NIH	4K00AG073558-03	Plasticity of cortical circuits in health, aging, and Alzheimer's disease	93.866	70,392	-
NIH	5 P30 AG064190-03	MIT Roybal Center for Translational Research to Improve Healthcare for the Aging	93.866	224,474	66,683
NIH	5K01AG083734-02	Engineering Immuno-Glial-Neurovascular 3D-Brain-Chips with a Perfusable BBB for Accelerating Alzheimer’s Disease Drug Discovery and Translation	93.866	103,451	-
NIH	5-K99-AG073466-02	Impact of DNA double-strand breaks on 3D genome organization and genome stability in Alzheimer’s disease	93.866	9,999	-
NIH	5K99AG076987-02	Understanding the role of the stromal cell niche in intestinal stem cell aging	93.866	80,900	-
NIH	5R01AG058504-04	Solid State NMR Studies of Amyloid Proteins	93.866	816,992	-
NIH	5-R01-AG059661-04	Structure and dynamics of tau in Alzheimer's disease	93.866	332,689	-
NIH	5-R01-AG067151-04	Single-Cell Transcriptional and Epigenomic Dissection to Identify Therapeutic Targets for ALS and FTD	93.866	156,031	139,074

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5-R01-AG067151-05	Single-Cell Transcriptional and Epigenomic Dissection to Identify Therapeutic Targets for ALS and FTD	93.866	158,252	-
NIH	5-R01-AG069232-04	Manipulating Neural Oscillations with Non-Invasive Sensory Stimulation for Alzheimer's Disease Intervention	93.866	808,189	-
NIH	5R01AG070135-05	Sleep-dependent modulation of cerebrospinal fluid flow in aging	93.866	488,786	-
NIH	5R01AG070135-06	Sleep-dependent modulation of cerebrospinal fluid flow in aging	93.866	385,354	24,223
NIH	5-R01-AG070831-03	Mechanisms of pathology and neuronal hyperactivity in a memory circuit in Alzheimer's disease	93.866	516,500	-
NIH	5-R01-AG074003-05	Single-cell epigenomic and trancriptional dissection of sex-specific differences in Alzheimer’s Disease	93.866	522,241	-
NIH	5R01AG081017-03	Single-cell multi-region dissection of AD-pathogen interactions for HSV-1 and CMV	93.866	301,000	57,412
NIH	5R01AG082871-03	Disparities in the Quality of Nursing Home Care	93.866	617,395	86,553
NIH	5-R01-AG087374-02	Lipid imaging expansion microscopy to study Alzheimer's disease	93.866	479,636	-
NIH	5-R37-AG032449-15	Determinants of Elderly Health: The Role of Place-Based Factors	93.866	527,226	210,703
NIH	5-U01-AG066757-04	Development of PU.1 Inhibitory Modulators as Novel Therapeutics for Alzheimer's Disease	93.866	459,051	456,274
NIH	5-U01-AG066757-05	Development of PU.1 Inhibitory Modulators as Novel Therapeutics for Alzheimer's Disease	93.866	1,140,291	703,888
NIH	5-U01-AG077227-02	Mapping the vulnerable locus coeruleus pathways in aging and AD	93.866	19,336	92,966
NIH	5-U01-AG077227-03	Mapping the vulnerable locus coeruleus pathways in aging and AD	93.866	1,879,893	385,281
NIH	1K99EY035752-01A1	Dissecting distinct contributions of different Prefrontal subregions on goal-directed visual attention	93.867	97,527	-
NIH	1-R01-EY033843-01	Computational Models of the Ventral Visual Pathway in Humans: What, How, and Why?	93.867	105,586	-
NIH	1-R01-EY034080-01A1	Novel ultrahigh speed swept source OCT angiography methods in diabetic retinopathy	93.867	289,887	154,361
NIH	1-R01-EY034419-01	Characterizing excitatory synapse in vivo structural dynamics	93.867	15,348	-
NIH	1-R21-EY034283-01	A Novel Wireless and Subcellular Device for Neuromodulation	93.867	44,367	-
NIH	2R01EY011289-34	Novel Optical Diagnostics with Optical Coherence Tomography	93.867	125,295	122,570
NIH	5-F31-EY033649-02 REVISED	Alignment of visual features in binocular cortical circuits through experience dependent synaptic plasticity	93.867	763	-
NIH	5-F31-EY033996-03 REVISED	Elucidating the Role of Dorsal Lateral Geniculate Nucleus Burst-Mode Firing in Retinal Inactivation Induced Recovery from Monocular Deprivation	93.867	39,595	-
NIH	5-F32-EY032756-03 REVISED	Visual cortex circuits mediating arousal and visual discrimination	93.867	61,822	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NIH	5K99EY032603-02	Towards a computationally precise characterization of the human ventral visual pathway	93.867	-4,769	-
NIH	5-P30-EY002621-45	Core-Vision Processes	93.867	108,620	-
NIH	5-R01-EY011289-38	Novel Optical Diagnostics with Optical Coherence Tomography	93.867	90,145	-
NIH	5-R01-EY020517-11	Project Prakash: Development of Object Perception After Late Sight Onset	93.867	330,063	-
NIH	5R01EY023037-12	Behavioral Consequences and cellular substrates of plasticity in visual cortex	93.867	425,383	-
NIH	5R01EY029666-07	Neural Mechanisms for Feature-Based Attention	93.867	554,066	-
NIH	5-R01-EY033430-03	Interhemispheric coordination and transfer of visual information	93.867	357,637	-
NIH	5-R01-EY033638-03	CRCNS: Resolving human face perception with novel MEG source localization methods	93.867	134,833	-
NIH	5-R01-EY034419-03	Characterizing excitatory synapse in vivo structural dynamics	93.867	390,517	-
NIH	5-R21-EY034283-03	A Novel Wireless and Subcellular Device for Neuromodulation	93.867	20,147	-
NIH	1U19AI167899-01	Maternal Omics to Maximize Immunity	93.RD	65,721	-
NIH	5U19AI167899-03	Maternal Omics to Maximize Immunity	93.RD	2,112,591	1,817,701
		Total for NIH		**114,489,210**	**21,575,235**
		TOTAL for Department of Health & Human Services		**167,569,827**	**52,429,682**

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF HOMELAND SECURITY					
DHS	22CWDARI00046-01-00	Novel Low Cost, Robust and High Sensitivity Polycrystalline Radiation Detectors	97.077	464,363	110,382
		Total for Department of Homeland Security		**464,363**	**110,382**
		TOTAL for Department of Homeland Security		**464,363**	**110,382**

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF TRANSPORTATION					
DOT	692M152140015	Pilot Response to System Malfunctions	20.108	291,506	-
DOT	692M152440001	MIT Joint University Program - Safety Considerations for Hydrogen Aircraft	20.108	108,272	-
DOT	13-C-AJFE-046	Center of Excellence for Alternative Jet Fuels and Environment	20.109	178,407	-
DOT	13-C-AJFE-048	Center of Excellence for Alternative Jet Fuels and Environment	20.109	123,774	-
DOT	13-C-AJFE-MIT	Center of Excellence for Alternative Jet Fuels and Environment	20.109	1,650,867	34,516
DOT	13-C-AJFE-MIT-01	Center of Excellence for Alternative Jet Fuels and Environment	20.109	359,098	80,428
DOT	13-C-AJFE-MIT-050	Center of Excellence for Alternative Jet Fuels and Environment	20.109	3,676	-
DOT	13-C-AJFE-MIT-052	Center of Excellence for Alternative Jet Fuels and Environment	20.109	-3,613	-
DOT	13-C-AJFE-MIT-075	Center of Excellence for Alternative Jet Fuels and Environment	20.109	149,153	-
DOT	13-C-AJFE-MIT-086	Center of Excellence for Alternative Jet Fuels and Environment	20.109	719,778	-
DOT	13-C-AJFE-MIT-091	Center of Excellence for Alternative Jet Fuels and Environment	20.109	277,037	-
DOT	13-C-AJFE-MIT-095	Center of Excellence for Alternative Jet Fuels and Environment	20.109	440,033	-
DOT	13-C-AJFE-MIT-103	Center of Excellence for Alternative Jet Fuels and Environment	20.109	351,690	-
		Total for Department of Transportation		**4,649,678**	**114,944**
		TOTAL for Department of Transportation		**4,649,678**	**114,944**

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
MISCELLANEOUS FEDERAL GOVT					
Department of Interior					
DOI	D19AP00037	Dislocation-free heteroepitaxy or IR devices by remote epitaxy	12.910	-47,819	-
DOI	D22AP0015000001-0277	Mechanical Neuromorphic Metamaterials for Multifunctional Nanosystems	12.910	213,155	-
DOI	R22AC00183-01	Multi- market pilot of low-cost, time-variant electrodialysis reversal desalination systems with optimized brine management	15.506	101,317	89,352
DOI	G24AP00211-00	Single-station array detection and location of tectonic tremor	15.807	88,228	-
		Total for Department of Interior		**354,881**	**89,352**
Department of Education					
ED	P022A230052	The Social Determinants of Arsenic Exposure in Rural India	84.022A	23,199	-
ED	P116F150045	Towards Scalable Differentiated Instruction Using Technology-enabled Competency-based Dynamic Scaffolding	84.116F	-126,093	-
		Total for Department of Education		**-102,894**	**-**
Department of Agriculture					
USDA	2021-67021-33999	Nanosensors for Measuring and Decoding Immune Signaling Waveforms In Planta	10.310	62,051	-
USDA	2023-67021-38831	Upgrading Dairy Industry Waste through Microbial Engineering	10.310	386,968	-
USDA	2024-67012-42411	Underwater Vaccination Using Biopolymeric Microneedles	10.310	77,588	-
USDA	2024-67012-42721	Rational Design and Immunogenicity Evaluation of mRNA-based Vaccine against African Swine Fever Virus	10.310	70,840	-
		Total for Department of Agriculture		**597,447**	**-**
Other Agencies					
Misc.	LG-250130-OLS-21	Community Tracking Indicators for Open and Inclusive Scholarship	45.312	81,059	-
EPA	84000501-0	Leveraging comprehensive organic oxidation experiments for the development of improved atmospheric chemical mechanisms	66.509	315,541	-
Misc.	31310025M0014	Advancing Evaluation of Multiphase Flow in Large Geometric Configurations	77.008	34,286	-
Misc.	95332422T0007	Generating Evidence to Improve Productivity Growth and Transportation Logistics of MSMEs in Indonesia	85.002	408,453	382,932
Misc.	95332423T0001	Economy-Wide Impacts of Environmental Changes and Responses	85.002	163,327	92,159
		Total for Other Agencies		**1,002,666**	**475,091**

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
		TOTAL for Miscellaneous Federal Govt		**1,852,100**	**564,443**

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION					
NASA	80NSSC18K0553	Solar System Planetary Geodesy Research	43.001	23,940	-
NASA	80NSSC18K0682	The Design, Analysis and Research with Retro-reflector Arrays	43.001	18,269	-
NASA	80NSSC18K1677	Auroral Emissions Radio Observer (AERO)	43.001	12,656	-
NASA	80NSSC19K0617	Vector Interferometry Space Technology using AERO (VISTA)	43.001	230,610	228,682
NASA	80NSSC19K0834	Can gravity wave generation in the mesospheric polar vortex drive traveling ionospheric disturbances?	43.001	0	-140
NASA	80NSSC19K1287	NICER (Continuation) - Detector Team Support and Legacy Science	43.001	728,745	25,806
NASA	80NSSC20K0234	Guiding the search for signals of biological and prebiotic processes by the NASA Mars 2020 Rover mission	43.001	57,917	-
NASA	80NSSC20K0238	Enabling Magnetic Studies of Returned Samples with the Mars 2020 Rover	43.001	40,605	-
NASA	80NSSC20K0382	The Impact of Titan's Impacts	43.001	39,733	36,883
NASA	80NSSC20K0484	Delta T: Dynamics and Detectability of Deltas on Titan	43.001	1,961	-
NASA	80NSSC20K0713	Apophis T-9 Years: Knowledge Opportunities for the Science of Planetary Defense Workshop	43.001	12,859	-
NASA	80NSSC20K0907	Development of sub-arcsecond x-ray telescope optics	43.001	150,890	41,640
NASA	80NSSC20K1012	Continuing Development of Bragg Reflector Optics and Gratings for Polarimetry	43.001	113,565	-
NASA	80NSSC20K1092	Bubble-based Ocean-worlds Organics Sample Trap (BOOST)	43.001	93,205	93,205
NASA	80NSSC20K1157	Assessing the Impact of Glacial Melt on the Coupled Climate	43.001	31,784	-
NASA	80NSSC20K1417	Material Mixing on the Moon from Impacts	43.001	8,386	-
NASA	80NSSC20K1785	Model-Data Exploration of Hemispherical Asymmetries in the Magnetosphere/Ionosphere System	43.001	265,287	101,384
NASA	80NSSC20K1846	Lunar Orbiter Laser Altimeter Investigation and Associated Science	43.001	275,402	-
NASA	80NSSC20M0071	RESOURCE: Resource Exploration and Science of OUR Cosmic Environment	43.001	45,156	-
NASA	80NSSC21K0154	Investigating the Intensity of the Early Lunar Dynamo	43.001	92,093	19,403
NASA	80NSSC21K0557	Response of the seasonal ice zone in the Southern Ocean to changes in the wind	43.001	102,614	-
NASA	80NSSC21K0835	Black Hole Spin and Mapping Accretion Flow Evolution in Tidal Disruption Flares (XMM 86365)	43.001	54,116	-
NASA	80NSSC21K0874	The interplay between slow slip, fault coupling, and crustal earthquakes	43.001	47,355	33,903

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NASA	80NSSC21K1304	MIT–GISS collaborations in Oceans and Climate	43.001	348,186	-
NASA	80NSSC21K1310	The Influence of Traveling Ionospheric Disturbances on Ionospheric Irregularities	43.001	110,006	-
NASA	80NSSC21K1369	Advanced Global Atmospheric Gases Experiment (AGAGE) Collaborative Project: MIT Component	43.001	1,344,151	697,782
NASA	80NSSC21K1619	Inferring sub-ice-shelf melt rates using ICESat-2 altimetry and simple physical models	43.001	7,691	-
NASA	80NSSC21K1775	2021 Antarctic Solar Eclipse: Ionospheric response in the southern and northern hemispheres	43.001	17,733	-
NASA	80NSSC21K1802	Tidal Evolution of the Satellite Systems of the Outer Planets	43.001	84,695	25,412
NASA	80NSSC21K1842	Evolution of the AGN Feedback Cycle in Galaxy Clusters	43.001	-738	-
NASA	80NSSC21K1903	THE POWER OF SPACE: SIMULTANEOUS X-RAY AND UV MONITORING OF ACCRETING LOW-MASS STARS (NICER 3144)	43.001	35,925	-
NASA	80NSSC21M0012	MIT Media Lab: Supporting NASA's SciAct Portfolio	43.001	370,537	-
NASA	80NSSC22K0001	ACCRETION AND EJECTION IN NGC 1365 WITH NUSTAR AND CHANDRA/HETG (NuSTAR 7263)	43.001	2,598	-
NASA	80NSSC22K0105	Testing whether impact plasmas and a core dynamo magnetized the Moon and Mercury	43.001	67,644	3,941
NASA	80NSSC22K0153	Using the ECCO-Darwin data-assimilative global-ocean biogeochemistry model to quantify the drivers and uncertainty of ocean carbon sources and sinks	43.001	60,475	-
NASA	80NSSC22K0171	GOLD-ICON Guest Investigator: Understanding the day-to-day variability of plasma bubbles utilizing GOLD-ICON data - drivers from above and below	43.001	132,503	-
NASA	80NSSC22K0459	Teasing out the hidden complexities of slow slip from the geodetic record in Cascadia	43.001	101,842	-
NASA	80NSSC22K0788	Curved Detectors for Future X-ray Astrophysics Missions	43.001	29,021	-
NASA	80NSSC22K0836	Spatio-temporal Paleoclimate Constraints from Coupled Lake Systems on Mars	43.001	46,190	-
NASA	80NSSC22K0848	Removing Stellar Activity from Radial Velocity Observations using Machine Learning (20-EPRV)	43.001	11,985	-
NASA	80NSSC22K1013	Midlatitude topside ionospheric variations associated with plasmaspheric erosion and refilling	43.001	252,654	-
NASA	80NSSC22K1074	Imprint of stratospheric QBO on the thermosphere and ionosphere	43.001	202,240	55,664
NASA	80NSSC22K1120	Bridging the gap between X-ray and UV/optical disk reverberation mapping in Active Galactic Nuclei	43.001	-31,653	-
NASA	80NSSC22K1136	Supporting Drought Management in Angola using Integrated Modeling of the Environment, Vulnerability, Decision Making and Technology (EVDT)	43.001	285,712	15,464

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NASA	80NSSC22K1262	Disintegrating Rocky Bodies Transiting White Dwarfs: The Key To Understanding Exoplanet Compositions (TESS Cycle 4 G04200)	43.001	1,094	1,094
NASA	80NSSC22K1408	Completing Kepler's Census: Using Deep Neural Networks to Measure the Frequency of Earth Analogs	43.001	78,360	-
NASA	80NSSC22K1412	High-order Wavefront Control for High-contrast Imaging on Space-rated Processors	43.001	429,443	125,973
NASA	80NSSC22K1673	Applying the EVDT Integrated Modeling Framework for Environmental Justice Applications	43.001	53,019	-
NASA	80NSSC22K1697	EIS cloud development and showcase on generalized regression to ECCO state estimates.	43.001	7,811	-
NASA	80NSSC22K1738	Supporting Dedalus, an open-source CFD framework with modern spectral methods	43.001	272,945	45,031
NASA	80NSSC22K1808	ZWCL 1856.8: CAPTURING A DOUBLE RADIO RELIC IN THE NUSTAR FIELD OF VIEW (NuSTAR 8232)	43.001	18,895	-
NASA	80NSSC22K1904	Technology maturation for a high-sensitivity and high-resolving power x-ray spectrometer	43.001	1,064,177	425,710
NASA	80NSSC23K0034	Testbed for scientific CMOS Study and Development	43.001	3,534	-
NASA	80NSSC23K0067	Studying Minute Timescale Variability Of White Dwarfs In The Cycle 5 Tess Full Frame Images (TESS GO 5104)	43.001	4,558	-
NASA	80NSSC23K0211	Extremely Low-noise, High Frame-rate X-ray Image Sensors for Strategic Astrophysics Missions	43.001	725,055	338,641
NASA	80NSSC23K0218	Effect of methane clathrate on crater size and implications for the age of Titan's surface	43.001	88,233	82,517
NASA	80NSSC23K0295	CAPTURING QUASI-PERIODIC OUTFLOWS FROM A FUTURE AGN OUTBURST USING XRT AND UVOT MONITORING (SWIFT 1821191)	43.001	29,923	-
NASA	80NSSC23K0350	Adaptive High-order Wavefront Control Algorithms for High-contrast Imaging on the Decadal Survey Testbed	43.001	316,868	62,995
NASA	80NSSC23K0355	Oceanic Pathways Of Earth Energy Imbalance	43.001	164,743	-
NASA	80NSSC23K0359	Capturing Quasi-Periodic Outflows from a Future AGN Outburst (NICER 5091)	43.001	14,541	-
NASA	80NSSC23K0481	1ES 1927+654: Constraining the Late Stages of an Extreme Nuclear Transient (XMM 90259)	43.001	50,376	-
NASA	80NSSC23K0644	The Rocket Experiment Demonstration of a Soft X-ray Polarimeter	43.001	1,286,273	-
NASA	80NSSC23K0671	Space Weather Impact on Planetary Emissions (SWIPE)	43.001	56,692	14,490
NASA	80NSSC23K0742	Analysis of Multi-GNSS Signal and Noise	43.001	142,599	-
NASA	80NSSC23K0768	Disintegrating Rocky Bodies Transiting White Dwarfs: The Key To Understanding Exoplanet Compositions (TESS 5084)	43.001	-451	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NASA	80NSSC23K0907	ADROIT (Adaptive Deformable miRrors to enable deplOyable dIffractive opTics)	43.001	208,363	-
NASA	80NSSC23K0919	TRACKING THE LONG-TERM EVOLUTION OF QUASI-PERIODIC ERUPTIONS FROM THE NUCLEUS OF A PASSIVE GALAXY USING XRT MONITORING (SWIFT 1821153)	43.001	8,501	-
NASA	80NSSC23K0925	Identifying fingerprints of changing anthropogenic sources and natural variability on observed regional and seasonal trends in tropospheric ozone and precursors	43.001	253,805	-
NASA	80NSSC23K1033	NICER Follow-Up of an Extreme Nuclear Transient (NICER 5087)	43.001	43,985	-
NASA	80NSSC23K1242	Gravitational-Wave Instrumentation Subject Matter Expert contributions for the NASA LISA Study Office	43.001	168,623	-
NASA	80NSSC23K1267	Magnetic Investigation of an Asteroid from Submillimeter to Kilometer Scales	43.001	18,321	-
NASA	80NSSC23K1361	Cyanobacterial aromatic carotenoids: biosynthesis, chemical structures, isotopic ordering, taphonomy and detection in the geological record	43.001	249,997	58,175
NASA	80NSSC23K1363	Testing the impact plasma hypothesis for magnetization on the Moon and asteroids	43.001	54,060	-
NASA	80NSSC23K1452	Continued NICER+SWIFT Monitoring of Repeating Stellar Tidal Disruption Events: Building a Legacy Dataset (NICER 6108)	43.001	26,333	-
NASA	80NSSC23K1535	Implementing the Yurok Natural Resources Portal as a decision support system to inform tribal forest management	43.001	479,477	-
NASA	80NSSC23K1589	Impact Assessment for Applying Satellite Earth Observation Data to SDG15 Monitoring in Ghana	43.001	53,492	-
NASA	80NSSC23K1649	CAPTURING THE DOUBLE RADIO RELIC SYSTEM, ZWCL 1856.8, WITHIN THE NUSTAR FIELD OF VIEW (NuSTAR 9241)	43.001	14,588	-
NASA	80NSSC23K1658	A SEARCH FOR X-RAY COUNTERPARTS FROM REPEATING FAST RADIO BURST SOURCES IN THE LOCAL UNIVERSE (NICER 6240)	43.001	15,481	-
NASA	80NSSC24K0197	The Pandora SmallSat: Multiwavelength Characterization of Exoplanets and their Host Stars	43.001	36,987	-
NASA	80NSSC24K0223	AGN & TDE Variability in the ULTRASAT Era	43.001	9,083	-
NASA	80NSSC24K0226	A Systematic Study Of TESS Orbital Phase Curves (TESS GO 6062)	43.001	50,979	-
NASA	80NSSC24K0228	Galactic Evolution Via The Asteroseismology Of The Northern Continuous Viewing Zone (TESS GO 6100)	43.001	53,629	-
NASA	80NSSC24K0230	Interstellar dust chemistry with XRISM	43.001	55,403	-
NASA	80NSSC24K0366	Development of diffraction-limited Wolter x-ray telescope optics	43.001	433,801	-
NASA	80NSSC24K0424	Effects of Methane Clathrate on the Depth of Titan’s Craters	43.001	92,612	47,588

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NASA	80NSSC24K0425	Climate change on Titan due to Saturn's billion-year obliquity evolution	43.001	72,154	42,286
NASA	80NSSC24K0431	Observing a repeating partial tidal disruption event during a flux shutoff phase (XMM 92151)	43.001	17,811	-
NASA	80NSSC24K0432	Mapping the evolving gas flows in the AGN Mrk 817 with XMM-Newton and HST (XMM 92410)	43.001	17,194	-
NASA	80NSSC24K0512	TRACKING THE LONG-TERM EVOLUTION OF QUASI-PERIODIC ERUPTIONS FROM THE NUCLEUS OF A PASSIVE GALAXY USING XRT MONITORING (SWIFT 1922142)	43.001	29,435	-
NASA	80NSSC24K0663	NEOWISE as a transient discovery machine: Revealing the enshrouded births, deaths and afterlives of stars through cosmic time	43.001	141,405	-
NASA	80NSSC24K0678	Continuation of MIT's Participation in Calibration and Ground Software Development for XRISM	43.001	286,244	-
NASA	80NSSC24K1148	NUSTAR-XRISM OBSERVATIONS OF THE ARCHETYPICAL ULTRA FAST OUTFLOW OF PDS 456 (NuSTAR 9121)	43.001	64,318	-
NASA	80NSSC24K1175	POLARIZED X-RAYS FROM ACCRETING MILLISECOND PULSARS: A PATHWAY TO THE EQUATION OF STATE OF NEUTRON STARS(IXPE GO 1116)	43.001	39,327	-
NASA	80NSSC24K1202	Revealing the Evolution of Tidal Disruption Events at Late Times with NICER (NICER 7146)	43.001	8,210	-
NASA	80NSSC24K1204	NICER Follow-Up of EROSITA QPE Candidates Selected Through X-Ray Variability (NICER 7108)	43.001	5,290	-
NASA	80NSSC24K1406	EVDT to support Terrestrial Water Applications of CYGNSS for Decision Support	43.001	60,338	8,406
NASA	80NSSC24K1579	Integrated GEOS and ECCO earth system modeling and data assimilation to advance seasonal-to-decadal prediction through improved understanding and representation of air-sea interactions	43.001	15,423	-
NASA	80NSSC24K1690	Characterizing the behavior and carbon cycle implications of Southeast Asian peat fires	43.001	19,978	-
NASA	80NSSC24K1748	FOLLOW-UP OF THE FIRST X-RAY POLARIZATION MEASUREMENT OF THE AGN CORONA: A NEW OBSERVATION FOR NGC 4151 (IXPE GO 1169)	43.001	22,648	-
NASA	80NSSC24K1774	XMM-XRISM Observation of the Archetypical Ultrafast Outflow in PDS 456 (XMM 92202)	43.001	14,510	-
NASA	80NSSC24K1785	Understanding the origin of isotopic anomalies of volatile elements in meteorites: Searching for the pre-solar carriers of K nucleosynthetic anomalies	43.001	126,663	-
NASA	80NSSC24K1868	Magnetic flux rope dynamics in the heliosphere: reconnection, turbulence, and energy partition	43.001	5,582	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NASA	80NSSC24K1904	Technology development for a high-resolving power x-ray spectrometer	43.001	80,298	-
NASA	80NSSC25K7065	XRISM observations of black hole accretion flows	43.001	143,327	-
NASA	80NSSC25K7070	SWIFT-XRT FOLLOW-UP OF EROSITA QPE CANDIDATES SELECTED THROUGH X-RAY VARIABILITY (SWIFT 2023085)	43.001	7,026	-
NASA	80NSSC25K7499	TESTING THE WHITE DWARF HYPOTHESIS FOR GAMMA CAS COMPANIONS (XRISM 12162)	43.001	6,019	-
NASA	80NSSC25K7560	Reigniting The FUSE: A Modern Analysis of Archival FUSE Data	43.001	21,700	-
NASA	TBD	High-performance, broadband, large-area monolithic CMOS X-ray sensors	43.001	21,873	-
NASA	80NSSC20M0080	Modeling and Analysis of Safety in New Human-Automation Teaming	43.002	38,769	-
NASA	80NSSC21M0108	Combined Experimental and First Principles Tool Development of Interface Analysis in An All Solid-State Battery	43.002	167,035	-
NASA	80NSSC22K0193	Investigation of Higher-order Adaptive Methods for Sonic Boom Propagation	43.002	81,775	-
NASA	80NSSC23M0220	Competition, Cooperation, and Coordination: Managing the Collective Behavior of Advanced Air Mobility Systems	43.002	165,240	-
NASA	80NSSC20M0048	Massachusetts Space Grant Proposed Opportunities in NASA STEM 2020-2024, Year 1 Augmentation	43.008	578,145	6,045
NASA	80NSSC25M7041	Massachusetts Space Grant Opportunities In Nasa Stem FY 2025 -2028	43.008	245,915	-
NASA	80NSSC24K1766	Synthesizing Frameworks of Sustainability for Futures on the Moon	43.009	56,193	-
NASA	80NSSC24K1768	Avoiding the Kessler Syndrome through policy intervention	43.009	126,995	26,642
NASA	80NSSC18K1579	CLICK mission	43.012	1,068,448	195,109
NASA	80NSSC20K1178	Development and Optimization of a Bimodal Ion-Chemical Thruster System Using Novel Ionic Liquid Monopropellants	43.012	13,292	-
NASA	80NSSC20K1180	Bayesian Uncertainty Propagation Using Multi-Fidelity Subsystem Models in Design of Precision-Pointed Space Telescopes	43.012	68,185	-
NASA	80NSSC20K1201	A diamond nanophotonics platform for quantum communication with multiplexed qubit repeaters	43.012	19,502	-
NASA	80NSSC21K0221	Development of New Technologies for Modified Collins Cycle Expanders	43.012	108,528	47,525
NASA	80NSSC21K0345	REDUCED GRAVITY EXPERIMENTS TO ADVANCE CFD BOILING MODELS FOR CRYOGENIC FLUID MANAGEMENT SYSTEMS	43.012	149,564	-
NASA	80NSSC21K1277	Reconfigurable Single Photon Detecting System for Small Satellites	43.012	89,725	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NASA	80NSSC21K1301	Computationally-Efficient Large Divert Guidance	43.012	6,666	-
NASA	80NSSC22K1222	Architectural Design Framework for Providing Passive Behavioral Health Countermeasures	43.012	71,938	-
NASA	80NSSC22M0298	STEP-1: Staged Electrospray Pathfinder 1 CubeSat	43.012	309,685	-
NASA	80NSSC23K0585	Great Observatory for Long Wavelengths (GO-LoW)	43.012	1,650	-
NASA	80NSSC23K0964	Silent, Solid-State Propulsion for Advanced Air Mobility Vehicles	43.012	267,825	-
NASA	80NSSC23K1174	Pixels in Electrospray Thrusters for Ultra-Reliable, Flat-Panel Electric Propulsion	43.012	77,208	-
NASA	80NSSC23K1193	Nanoengineered High-temperature Ceramics for High Strength and Toughness Multifunctional Composites for Space Applications	43.012	96,031	-
NASA	80NSSC23K1194	Developing a Verification and Validation Optimization Methodology with Uncertainty Quantification	43.012	87,248	-
NASA	80NSSC23K1195	Modeling the In-Space Manufacturing of Large, Lightweight Structures with Robotic Deformation Processing	43.012	68,522	-
NASA	80NSSC23K1207	Design, Control, and Human-Robot Coordination of Space Suits Integrated with Supernumerary Robotic Limbs	43.012	96,177	-
NASA	80NSSC23K1222	Physics-Informed Machine Learning for the Optimization of Hybrid Rocket Motors	43.012	-17,843	-
NASA	80NSSC23K1498	Machine-learning building-block-flow model for large-eddy simulation of high-speed flows with strong heat transfer and wall roughness	43.012	83,282	-
NASA	80NSSC24K0277	Radiation hardness study of superconducting detectors and electronics	43.012	119,141	-
NASA	80NSSC24K0820	Exploring the Impact of Surface Properties on Cryogenic Boiling and Quenching at Reduced Gravity through High-Fidelity Measurements	43.012	590,788	-
NASA	80NSSC24K1219	Extended CFD Methodology for Cryogenic Propellant Management in low-gravity conditions	43.012	95,787	-
NASA	80NSSC24K1236	The Great Observatory for Long Wavelengths (GO-LoW)	43.012	143,307	2,463
NASA	80NSSC24K1341	Additive Manufacturing at the Nanoscale for Microfluidic Space Applications	43.012	75,822	-
NASA	80NSSC24K1360	Long-Duration, Risk-Aware, Goal-Directed Adaptive Sampling for Autonomous Vehicle Exploration	43.012	30,521	-
NASA	80NSSC24K1398	4D Adaptive Sensing: Optimizing Sensor Deployment for Dynamic Scene Reconstruction Under Resource Constraints	43.012	56,418	-
NASA	80NSSC24K1399	Development of Transient Modeling Capabilities for Liquid Core Nuclear Thermal Propulsion Engines	43.012	60,657	-
NASA	80NSSC25K7393	Nuclear Propulsion Fuel and Material Testing and Examination	43.012	2,206	-
NASA	80NSSC25K7607	Exploring Venus with Electrolysis (EVE)	43.012	21,483	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NASA	80GSFC20C0078	Advancing VGOS from a Budding Concept to a High-Accuracy Global Geodetic Observatory	43.RD	3,137,557	-
NASA	80GSFC25CA019	AXIS Probe Mission Concept - Phase A (PARENT)	43.RD	72,225	-
NASA	80MSFC17C0012	Imaging X-ray Polarimetry Explorer - Main Project (Phase B - D)	43.RD	207,296	-
NASA	NNG14FC03C	Transiting Exoplanet Survey Satellite	43.RD	5,583,602	953,835
		Total for National Aeronautics and Space Administration		**28,612,036**	**3,863,554**
		TOTAL for National Aeronautics and Space Administration		**28,612,036**	**3,863,554**

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
US AGENCY FOR INTERNATIONAL DEVELOPMENT					
USAID	7200AA21CA00009	Achieving Sustainable Partnerships for Innovation, Research, and Entrepreneurship (ASPIRE)	98.012	2,303,084	1,536,688
USAID	AID-OAA-A-16-00058	Ultra-Low Energy Drip Irrigation for MENA Countries	98.RD	1,373,068	271,553
		Total for US Agency for International Development		**3,676,152**	**1,808,241**
		TOTAL for US Agency for International Development		**3,676,152**	**1,808,241**

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NATIONAL SCIENCE FOUNDATION					
NSF	CBET-0939511	Science and Technology Center: Emergent Behavior of Integrated Cellular Systems (EBICS)	47.041	-1,419	-1,419
NSF	CBET-1846426	CAREER: Revealing spin-state-dependent reactivity in open-shell single atom catalysts with systematically-improvable computational tools	47.041	90,812	-
NSF	CBET-1847541	CAREER: Hybrid Biorobotic Matrices to Simulate Diaphragmatic and Myocardial Biomechanics	47.041	1,872	-
NSF	CBET-1936696	Single Molecule Studies of Topologically Complex Polymers	47.041	40,752	-
NSF	CBET-2034742	Collaborative Research: Crossing the percolation threshold for selective gas transport using interconnected crystals of metal–organic frameworks in polymer-based hybrid membranes	47.041	33,651	-
NSF	CBET-2045868	CAREER: Elucidation and Development of Electrolyte and Interface Mechanisms Governing Calcium Redox in Nonaqueous Environments	47.041	164,910	-
NSF	CBET-2124194	Developing Nanosensor Chemical Cytometry (NCC) to Support the Development of Cellular Therapeutics	47.041	152,578	-
NSF	CBET-2139277	Collaborative proposal: Advancing turbidity currents: moving sources, polydispersity and aggregation	47.041	131,742	-
NSF	CBET-2140775	Career: Information-Theoretic Approach to Turbulence: Causality, Modeling & Control	47.041	70,831	-
NSF	CBET-2143625	CAREER: Efficient Uncertainty Quantification in Turbulent Combustion Simulations: Theory, Algorithms, and Computations	47.041	17,629	-
NSF	CBET-2146422	CAREER: Systematic Design of Polymers to Reveal the Anomalous Role of Fluorine on Membrane-based Separations	47.041	172,422	-
NSF	CBET-2226053	Modeling Coriolis and stability effects on wake dynamics for wind farm flow control	47.041	96,446	-
NSF	CBET-2243914	GOALI: Data-driven design of recycling tolerant aluminum alloys incorporating future material flows	47.041	64,649	64,649
NSF	CBET-2317254	Building-Block-Flow Model for Large-Eddy Simulation	47.041	83,034	-
NSF	CBET-2339338	CAREER: Deep-tissue metabolic and structural mapping via multiplex label-free nonlinear microscopy	47.041	69,645	-
NSF	CBET-2339518	CAREER: From Flamelet to Full-Scale: Advancing Plasma-Assisted Combustion for Low-Emission Sustainable Fuels	47.041	121,747	-
NSF	CBET-2339972	CAREER: Design Principles of Deformable and Adhesive Particles in Multiphase Flow through Microchannels	47.041	117,477	-
NSF	CBET-2400997	RAISE: CET: Green electricity generation from plastic using engineered microbial co-cultures	47.041	37,554	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	CBET-2426169	NT24 (Nanotech 2024)	47.041	16,562	-
NSF	CMMI - 2421036	Collaborative Research: ENG-NETZERO: Engineering Geomimetic Carbonation to Stabilize Mine Residues (e-GeoCarSt)	47.041	6,788	-
NSF	CMMI - 2448709	MCELS: Advances in Basic Research and Translational Opportunities	47.041	35,664	-
NSF	CMMI-1752172	CAREER: Directed Epitaxial Assembly of Structural Biopolymers in Hierarchical Mesostructures for Enhanced Mechanical Behavior, Mass Transport and Heat Transfer.	47.041	97,664	-
NSF	CMMI-1922206	DMREF: Collaborative Research: Fundamentals of short-range order-assisted alloy design: Thermodynamics, kinetics, mechanics	47.041	89,993	-
NSF	CMMI-1942016	Career: Shear Shock Propagation and Damage in Soft Materials	47.041	74,427	-
NSF	CMMI-2021625	NSF CMMI: Dual Faceted Linearization and Its Application to Nonlinear MPC	47.041	2,204	-
NSF	CMMI-2039771	D-ISN: TRACK 1: Supply Chain Analysis to Thwart Illegal Logging: Machine Learning-based Monitoring and Strategic Network Inspection	47.041	309,550	-
NSF	CMMI-2045417	CAREER: Integrated Design and Digital Fabrication using Topology Optimization and Material Extrusion 3D Printing	47.041	130,660	-
NSF	CMMI-2114343	Collaborative Research: Interfacial Photopolymerization (IPP): A Method For High-Resolution Digital Printing of Thermoplastics	47.041	25,494	-
NSF	CMMI-2142460	CAREER: Performance through Curvature-Mechanics of 3D Self-Architected Materials	47.041	127,716	-
NSF	CMMI-2142460	COVID-19: CAREER: Performance through Curvature-Mechanics of 3D Self-Architected Materials	47.041	19,700	-
NSF	CMMI-2154151	Hydrodynamic quantum analogs	47.041	168,535	-
NSF	CMMI-2231254	Collaborative Research: Leveraging Crowd-AI Teams for scalable novelty ratings of heterogeneous design representations	47.041	-3,369	-
NSF	CMMI-2236708	CAREER: Achieving insect-like flight capabilities in a novel soft-actuated micro-aerial-robot	47.041	41,229	-
NSF	CMMI-2238715	CAREER: Mechanics of biological motor control: assembly, maturation, and repair at the neuromuscular interface	47.041	102,045	-
NSF	CMMI-2239824	Career: Advancing Equity in Selection Problems Through Bias-Aware Optimization	47.041	148,285	-
NSF	CMMI-2240309	EAGER: Quantum Manufacturing: Bottom-up Molecular Qubit Arrays using DNA Origami	47.041	200,236	-
NSF	CMMI-2418432	Collaborative Research: Electro-Mechanics of Sensing 3D-Woven Architected Materials	47.041	50,283	-
NSF	CMMI-2434399	Collaborative Research: CPS: Medium: Accelerating Societal-Scale Control Design via Offline Reinforcement Learning	47.041	6,245	-

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NSF	ECCS-2029670	SWIFT: LARGE: Adaptive Radio Frequency Interference Cancellation for Radio Science Observatories	47.041	230,800	-
NSF	ECCS-2044688	CAREER: Conformable Piezoelectrics for Soft Tissue Imaging	47.041	45,649	-
NSF	ECCS-2128555	2128555 - Collaborative Research: SWIFT:Facilitating Spectrum Access by Noise Guessing	47.041	17,673	-
NSF	ECCS-2132929	ASCENT: PROWESS: Phase-change Reconfigurable Optical WavEfront Synthesis System	47.041	292,295	274,474
NSF	ECCS-2152528	ECCS-EPSRC: Collaborative: Acoustically induced Ferromagnetic Resonance (FMR) assisted Energy Efficient Spin Torque memory devices	47.041	-8,721	-
NSF	ECCS-2232830	Development of a Ferrimagnetic Terahertz Oscillator	47.041	186,429	-
NSF	ECCS-2238575	CAREER: Optical-frequency electronics for measuring the fields of light guided on chips	47.041	132,870	-
NSF	ECCS-2239525	CAREER: Integrated Visible-Light Optical-Phased-Array-Based Devices, Systems, and Applications	47.041	45,952	-
NSF	ECCS-2309838	A Spin Torque Oscillator Maser Device Enabled by Spin-Microwave Photon Coupling	47.041	21,512	-
NSF	ECCS-2339909	CAREER: Non-surgical Bioelectronic Implant for Targeted Brain Stimulation	47.041	4,421	-
NSF	ECCS-2425611	FuSe2 Topic 2: Co-designing a Semiconductor-based Quantum Architecture Platform for Scalable Quantum Information Processing	47.041	264,442	-
NSF	ECCS-2430953	ENG-QUANT: EPCN: Small: Quantum information control: A foundation for quantum inference	47.041	48,915	-
NSF	ECCS-2433776	Pre-patterned Freestanding Single-crystalline Lithium Niobate Photonic Components for Advanced Quantum Photonic Integrated Circuits	47.041	187,777	-
NSF	ECCS-2433996	Collaborative Research: Interferers in our midst	47.041	118,210	-
NSF	ECCS-2442118	CAREER: Flexible, Efficient, and Dense Power Converters Enabling a More Electric Future	47.041	4,221	-
NSF	EFMA-1830901	EFRI C3 SoRo: Soft, Strong, and Safe Configurable Robots for Diverse Manipulation Tasks	47.041	12,004	-
NSF	EFMA-1935291	EFRI C3 SoRo: Functional-Domain Soft Robots (FunDo SoRo) Precisely Controlled by Quantitative Dynamic Models and Data	47.041	30,181	15,213
NSF	EFMA-2421694	TRAILBLAZER: Constructing photonic quantum systems by deterministic electron-driven atom positioning	47.041	458,183	-
NSF	EFMA-2422282	EFRI BEGIN OI Teaching non-brain organoids how to think: PRogrammable OrGanoid intElligence using neuronal Networks implemented by gene Circuits (PROGENIC)	47.041	197,707	61,608
NSF	IIP-1735671	Type II: MIT Innovation Corps Site	47.041	71,031	-

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NSF	IIP-1832931	I-Corps New England Regional Innovation Node (NERIN)	47.041	178,124	-
NSF	IIP-2044711	PFI-TT: Bridging the Information Gap in Supply Chain using Internet of Things (IoT)	47.041	-734	-
NSF	IIP-2122581	PFI-RP: A high-performance, low-cost chip-scale platform for medical imaging	47.041	61,644	41,112
NSF	PHY-2441238	CAREER: Macroscopic quantum measurement and control to probe gravity	47.041	37,257	-
NSF	TI-2044711	PFI-TT: Bridging the Information Gap in Supply Chain using Internet of Things (IoT)	47.041	-459	-
NSF	TI-2141118	Programmable lithography mask for accelerated innovation and advanced manufacturing of microchips	47.041	10,182	-
NSF	AST-1751096	CAREER: Tracing the Birth and Growth of Galaxy Clusters with the South Pole Telescope 3rd Generation Survey	47.049	3,726	-
NSF	AST-1836002	LLAMAS: A Facility Integral Field Spectrograph for the Magellan Telescopes	47.049	152,708	-
NSF	AST-1950348	REU/RET Site: Radio Science in Astronomy, Geodesy, and Geospace Science at MIT Haystack Observatory	47.049	6,178	-
NSF	AST-2007355	Collaborative Research: Discriminating Between Galactic Feedback Models with Next Generation Observations	47.049	12,302	-
NSF	AST-2107681	Imaging the Dynamic Atmospheres of Evolved Stars at Radio Wavelengths	47.049	115,567	-
NSF	AST-2107724	Collaborative Research: Constraining Fuzzy Dark Matter with Cosmological Simulations	47.049	74,207	-
NSF	AST-2205126	The GOTHAM Project: A New Window on Our Aromatic Universe	47.049	129,740	-
NSF	AST-2206731	Collaborative Research: WoU-MMA: Opening the Infrared Window into Multi-Messenger Astrophysics	47.049	19,350	-
NSF	AST-2306391	Origin and Evolution of the Polar Planets	47.049	181,029	-
NSF	AST-2307436	Reconstructing the Formation of the Milky Way with Metal-Poor Stars	47.049	230,170	-
NSF	AST-2307699	Collaborative Research: A Comprehensive Theoretical Study of Cosmological Magnetic Fields and Turbulence: from the Early to Late Time Universe	47.049	273,777	-
NSF	AST-2307788	Collaborative Research: CDS&E: Systematic Predictions for Dynamical Signatures of New Dark Matter Physics in Galaxies	47.049	84,970	-
NSF	AST-2309536	POLSTAR Survey: Magnetic Fields in Star Forming Filaments	47.049	241,586	-
NSF	AST-2309542	CoCoA: Cold Cores with the Atacama Large Millimeter/submillimeter Array (ALMA)	47.049	9,909	-
NSF	AST-2332009	Radio Stars in the Era of New Observatories	47.049	5,904	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	AST-2337864	CAREER: Building the Merger Tree of the Milky Way with Machine Learning	47.049	93,974	-
NSF	AST-2407283	High-Frequency VLBI as a Tool for Stellar Astrophysics	47.049	135,658	-
NSF	AST-2408412	Collaborative Research: Gravitational Waves as Messengers from the Early Universe	47.049	7,444	-
NSF	AST-2442745	RAPID: Accelerated Deployment of EDGES for Cosmic Dawn Observations	47.049	256,782	-
NSF	CHE-1800301	Stochastic Path Integral Formalism and Applications to Coherent Energy Transfer	47.049	-82	-
NSF	CHE-2102669	Electrosynthesis via Electrochemical Hydrogen Permeation	47.049	29	-
NSF	CHE-2108357	Designing Bright and Fast Fluorophores with Large Stokes' Shifts Based on Superradiant Molecular J-Aggregates	47.049	-5	-
NSF	CHE-2108811	Reactivity of organic radicals in the atmospheric aqueous phase	47.049	58,797	-
NSF	CHE-2144153	CAREER: Development of Novel Domain-Tailored Machine Learning Tools for Organic Reaction Development and Discovery	47.049	128,833	-
NSF	CHE-2154938	Bootstrap Embedding for Molecules, Materials and Electrocatalysis	47.049	80,394	-
NSF	CHE-2203951	Analysis and Optimization of Polymer Networks for Emerging Applications	47.049	261,004	-
NSF	CHE-2247252	Synthesis of d- and p-Block Element Molecules, Reagents, and Precursors	47.049	198,490	-
NSF	CHE-2247685	Nonspectator Phosphorus Ligands for Catalysis	47.049	163,352	-
NSF	CHE-2247770	New Cycloaddition and Annulation Strategies for Organic Synthesis	47.049	113,773	-
NSF	CHE-2304909	Fundamental Principles of Multivalency in Nanoscale and Macromolecular Systems	47.049	78,051	-
NSF	CHE-2324300	Collaborative Research: DMREF: Designing Coherence and Entanglement in Perovskite Quantum Dot Assemblies	47.049	105,656	-
NSF	CHE-2330305	CAREER: Boracycles with Unusual Bonding as Creative Strategies for Main-Group Functional Materials	47.049	186,031	-
NSF	CHE-2400061	Synthetic Iron-Sulfur Clusters for Understanding the Roles of Heterometals in the Nitrogenase Cofactors	47.049	126,231	-
NSF	CHE-2400167	Directing Hydrogen Transfer via Pd Electrochemical Double Cell Polarization	47.049	213,899	-
NSF	CHE-2404208	Boron-Doped Nanographenes and their Supramolecular Assemblies	47.049	68,806	-
NSF	CHE-2404259	Aqueous chemistry of organic peroxy (RO2) radicals	47.049	89,198	-
NSF	CHE-2404354	ABR: Engineering J-aggregate Hybrid Nanostructures as Fast and Bright Building Block Emitters	47.049	172,141	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	CHE-2512362	NSF-ANR CHE: Design and Application of Highly Reactive Redox-Active Organophosphorus Catalysts	47.049	10,176	-
NSF	DMR-1809802	Tuning the Electronic and Topological Properties of Twisted van der Waals Heterostructures	47.049	-28,920	-
NSF	DMR-1922311	DMREF: Collaborative Research: The Synthesis Genome: Data Mining for Synthesis of New Materials	47.049	297,662	-
NSF	DMR-2004556	Collaborative Research: Improving contact fatigue and wear properties using graded nanostructured surfaces in metallic materials	47.049	12,556	-
NSF	DMR-2004913	GOALI: Frictional Ignition of Metals in High-Pressure Oxygen Environments	47.049	62,096	-
NSF	DMR-2022428	Entanglement and emergence in quantum states of matter	47.049	196,784	-
NSF	DMR-2104912	Interactions between spin wave and magnetic domain structures	47.049	157,387	-
NSF	DMR-2104964	NSF-BSF: Development and Study of Lattice-Derived Flat Band States	47.049	205,533	-
NSF	DMR-2105495	Singlet Fission, Triplet Upconversion, and Thermally-Activated Delayed Fluorescence: Controlling Exciton Dynamics with Metal-Organic Frameworks	47.049	299,317	-
NSF	DMR-2118448	Collaborative Research: DMREF: Symmetry-Guided Machine Learning for the Discovery of Topological Phononic Materials	47.049	65,629	-
NSF	DMR-2118678	Collaborative Research: DMREF: Designer Mesoscale Materials Synthesized in the Self-Assembly Foundry	47.049	122,046	-
NSF	DMR-2119076	Collaborative Research: DMREF: Developing Damage Resistant Materials for Hydrogen Storage and Large-scale Transport.	47.049	1,086	-
NSF	DMR-2132647	EAGER: SUPER: Electrochemical Protonation to Achieve Superconducting Matter	47.049	6,449	-
NSF	DMR-2144136	CAREER: Designer Halide Perovskite Nanocrystals with Controlled Light-Matter Interactions for On-Demand Quantum Light Sources	47.049	113,645	-
NSF	DMR-2204222	Brush Particle-Based Building Blocks for High Refractive Index Composites	47.049	90,703	-
NSF	DMR-2206305	Novel Phases of Electronic Insulators and Quantum Hall Systems	47.049	153,220	-
NSF	DMR-2207299	Carbon-based nanocomposites for sensing and catalysis	47.049	32,387	-
NSF	DMR-2214021	Collaborative Research: DMREF: Foundations of programmable living materials through synthetic biofilm engineering and quantitative computational modeling	47.049	15,599	-
NSF	DMR-2218550	Correlated Quantum Phenomena at Superconductor/Magnetic Interfaces	47.049	259,913	-
NSF	DMR-2218849	NSF-BSF: Fluctuation phenomena out of equilibrium	47.049	135,903	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	DMR-2224948	Collaborative Research: Developing metal-organic molecular beam epitaxy (MOMBE) for chalcogenide semiconductor thin film synthesis	47.049	104,024	-
NSF	DMR-2225925	Optical Study of Electron Correlation in Graphene-Based Moire Superlattices	47.049	62,759	-
NSF	DMR-2225968	Collaborative Research:Combinatorial solution processing of optical phase change materials	47.049	44,808	-
NSF	DMR-2226519	Time Resolved Probing of Unconventional Orders in Novel Kagome Metals	47.049	166,710	-
NSF	DMR-2237244	CAREER: Probing Quantum Matter using Programmable Quantum Simulators	47.049	132,465	-
NSF	DMR-2240994	Collaborative Research: Remote epitaxy on van der Waals materials: unveiling adatom interaction, growing single-crystal membranes, and producing unconventional heterostructures	47.049	15,314	-
NSF	DMR-2245163	Division of Materials Research (DMR) - Flow-Induced Structures in Lyotropic Chromonic Liquid Crystals	47.049	86,236	-
NSF	DMR-2323132	Magnetic garnet thin films: novel properties through interface and site occupancy engineering	47.049	189,896	-
NSF	DMR-2339379	CAREER: Protecting Microbes to Protect Plants	47.049	56,661	-
NSF	DMR-2405560	EMERGENT SPIN TEXTURES AND DYNAMICS OF 2D MATERIALS	47.049	195,471	-
NSF	DMR-2411155	Discovery of Self-Assembled Network Phases And Metallic Nanostructures Driven by Confinement	47.049	340,044	-
NSF	DMR-2414725	Collaborative Research: Correlated Phases in an Unusual Family of Crystalline 2D Materials	47.049	171,317	-
NSF	DMS-1749858	CAREER: Classical and quantum chaos	47.049	-570	-
NSF	DMS-1845034	CAREER: Higher enumerative geometry via representation theory and mathematical physics	47.049	43,407	-
NSF	DMS-1853981	Colored Stochastic Vertex Models	47.049	109,620	-
NSF	DMS-1901642-001	Algebraic cycles and L-values	47.049	76,759	-
NSF	DMS-1954455	Soliton dynamics for nonlinear wave equations	47.049	208	-
NSF	DMS-2001318	Tensor categories and representations of quantized algebras	47.049	201,690	-
NSF	DMS-2004589	Nonlinear Analysis of Three-Dimensional Water-Wave Patterns via Exponential Asymptotics	47.049	75,446	-
NSF	DMS-2005345	Dynamics and singularities of geometric flows	47.049	5,514	-
NSF	DMS-2022448	Collaborative Research: National Institute for Foundations of Data Science	47.049	1,072,267	99,216
NSF	DMS-2044606	CAREER: Analytic and Spectral Methods in Combinatorics	47.049	20,605	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	DMS-2052651	FRG Collaborative: New challenges in the derivation and dynamics of quantum systems	47.049	38,811	-
NSF	DMS-2054129	Combinatorics and its Applications	47.049	98,083	-
NSF	DMS-2100157	Algebraic and Probabilistic Methods in Extremal Combinatorics	47.049	-250	-
NSF	DMS-2101040	Integral points on stacks, hyperplane sections over finite fields, and vectors forming rational angles	47.049	71,218	-
NSF	DMS-2101507	Sheaves, representations and dualities	47.049	115,436	-
NSF	DMS-2104349	Evolution equations in geometry and related fields	47.049	-709	-
NSF	DMS-2105512	New tools for gauge theory in dimensions 3 and 4	47.049	48,084	-
NSF	DMS-2133851	Collaboration Research: Probabilistic, Geometric, and Topological Analysis of Neural Networks, From Theory to Applications	47.049	729	-
NSF	DMS-2134108	Collaborative Research: Foundations of Deep Learning: Theory, Robustness, and the Brain	47.049	131,573	-
NSF	DMS-2153741	Representations of finite reductive groups, character sheaves and theory of total positivity	47.049	25,314	-
NSF	DMS-2153742	Random Surfaces and Related Questions	47.049	116,865	-
NSF	DMS-2218846	PRIMES Experience: Broadening Math Research and Enrichment Options for High School Students	47.049	70,083	-
NSF	DMS-2304684	Singularities and Rigidity in Geometric Evolution Equations	47.049	172,040	-
NSF	DMS-2306378	Collaborative Research: On New Directions for the Derivation of Wave Kinetic Equations	47.049	70,789	-
NSF	DMS-2311072	Non-parametric estimation under covariate shift: From fundamental bounds to efficient algorithms	47.049	49,776	-
NSF	DMS-2325184	eMB: Collaborative Research: Discovery and calibration of stochastic chemical reaction network models	47.049	99,246	-
NSF	DMS-2326276	Conference: Young Topologist Meeting 2023	47.049	-9,459	-
NSF	DMS-2347177	Statistical and Computational Thresholds in Spin Glasses and Graph Inference Problems	47.049	56,259	-
NSF	DMS-2349024	Random Processes and Constrained Combinatorial Structures	47.049	50,907	-
NSF	DMS-2400090	Microlocal analysis and hyperbolic dynamics	47.049	142,434	-
NSF	DMS-2401305	ANTS XVI: Algorithmic Number Theory Symposium 2024	47.049	35,903	-
NSF	DMS-2401548	Topics in Automorphic Forms and Algebraic Cycles	47.049	83,462	-
NSF	DMS-2404843	Curve counting beyond rational numbers	47.049	27,855	-
NSF	DMS-2405328	Einstein Metrics and Ricci Flows in Dimension 4	47.049	47,789	-
NSF	DMS-2405361	Variational Problems in the Theory of Minimal Surfaces	47.049	59,505	-
NSF	DMS-2405393	Evolution Equations in Geometry	47.049	101,204	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	DMS-2413875	Statistical Inference with Strategic Agents: Accounting for Incentives and Information Asymmetry	47.049	23,261	-
NSF	DMS-2420166	Conference: The Mordell conjecture 100 years later	47.049	29,970	-
NSF	DMS-2426392	2024 Talbot Workshop	47.049	19,388	-
NSF	DMS-2441646	Permutations in Random Geometry	47.049	58,081	-
NSF	DMS-2512945	Conference: Future of AI and the Mathematical and Physical Sciences (AI+MPS)	47.049	48,677	-
NSF	ECCS-2419204	EAGER: Trustworthy and Ethical AI Tutors with First-Principles/Axiomatic Reasoning	47.049	90,587	-
NSF	MCB-2300136	Collaborative Research: Engineering host-associated synthetic consortia based on ecological modules.	47.049	101,730	-
NSF	OMA-1936263	QII-TAQS Characterizing and Utilizing 2D Van der Wals Materials with Superconducting Quibits	47.049	31,964	21,078
NSF	OSI-2410716	NQVL:QSTD: Pilot: Deep Learning on Programmable Quantum Computers (NQVL:QSTD:Pilot:DLPQC)	47.049	441,685	110,866
NSF	PHY-1707999	Inferring the Physics of mRNA Trafficking in Neuronal Systems	47.049	15,655	-
NSF	PHY-1848247	CAREER: Symmetry and Geometry in Biological Active Matter	47.049	-23,635	-
NSF	PHY-1904160-001	LHCb operations and computing	47.049	39,520	36,983
NSF	PHY-1912764	The PA-Supported Neutrino Program at MIT	47.049	226	-
NSF	PHY-1914418 000	WoU-MMA: Collaborative Research: A Next-Generation SuperNova Early Warning System for Multimessenger Astronomy	47.049	60,739	-
NSF	PHY-2012110	Strongly interacting quantum mixtures of ultracold atoms	47.049	197,461	-
NSF	PHY-2019786	AI Institute: AI Research Institute for Fundamental Interactions	47.049	3,987,350	1,087,912
NSF	PHY-2028125	Composable Next Generation Software Framework for Space Weather Data Assimilation and Uncertainty Quantification	47.049	70,442	31,156
NSF	PHY-2045740	CAREER: Populations and systematic uncertainties in the era of the advanced gravitational-wave detectors	47.049	122,530	-
NSF	PHY-2108050	Developing Pulsed Power Driven Turbulent Reconnection Platforms	47.049	-4,784	-
NSF	PHY-2110384	Studies of strong-gravity binaries and their gravitational waves	47.049	21,046	-
NSF	PHY-2110535	Collaborative Research: Quantum-Coherent Interactions between Free and Guided Electrons and Photons	47.049	46,523	-
NSF	PHY-2110569	New Experimental Techniques For Neutrino Physics	47.049	123,667	25,958
NSF	PHY-2110720	Rare Event Searches at MIT	47.049	148,866	-
NSF	PHY-2207367	Microscopy of ultracold magnetic quantum fluids	47.049	191,733	-
NSF	PHY-2207387	Collaborative Research: A Data Challenge for the Next Generation of Ground-Based Gravitational Wave Detectors	47.049	51,646	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	PHY-2207942	Opening the Gravitational-Wave Band below 30 Hz for LIGO and Cosmic Explorer	47.049	169,793	20,118
NSF	PHY-2207996	PM: Search for New Physics Beyond the Standard Model through Precision Isotope Shift Measurements	47.049	494,661	-
NSF	PHY-2208004	A Program in Ultralow-Temperature Atomic Physics	47.049	374,078	-
NSF	PHY-2209120	WoU-MMA: Collaborative Research: Advancing the SuperNova Early Warning System	47.049	45,966	-
NSF	PHY-2209181	NSF-BSF: Searching for Physics Beyond the Standard Model at the LHCb Experiment	47.049	298,040	-
NSF	PHY-2210558	NSF-ANR: Physics of chromosomes through mechanical perturbations	47.049	288,609	-
NSF	PHY-2213898	EAGER: Radiatively Cooled Magnetic Reconnection on Z	47.049	44,137	-
NSF	PHY-2308969	QUANTUM OPTICS AND OPTOMECHANICS: FROM FUNDAMENTAL TESTS TO QUANTUM TOOLS OF THE FUTURE	47.049	233,814	-
NSF	PHY-2308972	Collaborative Research: Local Gravity Disturbances and Next-Generation Gravitational-Wave Astrophysics	47.049	39,391	-
NSF	PHY-2309064	Launching the Cosmic Explorer Conceptual Design	47.049	881,022	400,642
NSF	PHY-2309267	Collaborative Research: Cosmic Explorer Optical Design	47.049	51,308	-
NSF	PHY-2310051	Collaborative Research: Beyond Standard Model Searches Using the IceCube Neutrino Telescope	47.049	223,704	-
NSF	PHY-2310073	The Flavour anomalies: Fluke, fallacy or new physics?	47.049	196,426	-
NSF	PHY-2317134	Center for Ultra Cold Atoms	47.049	3,408,752	1,660,669
NSF	PHY-2339326	CAREER: Intermittency and two-fluid transitions in pulsed-power-driven magnetized turbulence	47.049	17,019	-
NSF	PHY-2409369	Unique application of high energy density plasmas for nuclear astrophysics experiments	47.049	176,762	-
NSF	PHY-2409644	Building precise gravitational wave models with black hole perturbation theory	47.049	101,859	-
NSF	PHY-2411390	Novel Experimental Techniques For Neutrino Physics	47.049	269,862	-
NSF	PHY-2411593	LHCB OPERATIONS AND COMPUTING	47.049	442,625	97,627
NSF	PHY-2411650	BSM-PM: Rare Event Search at MIT	47.049	172,777	-
NSF	PHY-2411745	Early Career Scientist Participation in the Final Stage of IsoDAR R&D	47.049	259,288	-
NSF	PHY-2412796	Learning and engineering quantum many-body dynamics	47.049	88,508	-
NSF	PHY-2412810	Studying Pairing Symmetries and Quasiparticle Dynamics in 2D Superconductors Using Superconducting Quantum Circuits	47.049	95,966	-
NSF	PHY-2449936	Quantum Field Theory for Topological Phases of Matter	47.049	77,529	-

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NSF	SES-2332055	Collaborative Research: SII-NRDZ-SBE: Bridging the techno-economic gap for the design of spectrum Zone Management Systems	47.049	6,438	-
NSF	AGS-1835576	Collaborative Research: Framework: Software: HDR: Data-Driven Earth System Modeling	47.050	260,042	-
NSF	AGS-1906719	Advancing the Understanding of the Impacts of Wave-Induced Temperature Fluctuations On Atmospheric Chemistry	47.050	-5,058	-
NSF	AGS-1933005	Collaborative Research: DASI Track 1: Development of a Distributed MIMO Meteor Radar Network for Space Weather Research	47.050	96,959	-
NSF	AGS-1945871	The Global Circuits Paradox	47.050	122,834	30,000
NSF	AGS-1952737	Scientific and Technical Discovery at the Millstone Hill Geospace Facility	47.050	1,759,368	-
NSF	AGS-2031472	Improved understanding of the moist dynamics of the extratropical storm tracks and their response to climate change	47.050	28,521	-
NSF	AGS-2031999	Geospace Facilities: Improving Millstone Geospace Radar Performance and Lifetime	47.050	698,260	-
NSF	AGS-2033787	Collaborative Research: CEDAR: Three-dimensional large electron density gradients at mid-latitudes from a TEC-based ionospheric data assimilation system (TIDAS)	47.050	61,268	-
NSF	AGS-2102975	Collaborative Research: Madagascar Caves and Paleoclimate II (MADCAP II), Continuing Investigation of climate variability in the Southern Hemisphere of the Western Indian Ocean	47.050	89,769	-
NSF	AGS-2102976	Collaborative Research: P2C2: Speleothem constraints on seasonal hydroclimate variability in Mainland Southeast Asia since the late Pleistocene	47.050	57,633	-
NSF	AGS-2128617	Improving the Understanding of Halocarbon Lifetimes and Emissions	47.050	255,990	49,929
NSF	AGS-2129835	Collaborative Research: Laboratory Studies of the Role of RO2 Chemistry on the Evolution of Atmospheric Organic Carbon	47.050	34,531	-
NSF	AGS-2140793	NSF-BSF Collaborative Proposal: Improved understanding of the tropospheric response to zonal asymmetry of the stratospheric polar vortex and its application to S2S prediction	47.050	122,259	-
NSF	AGS-2149698	Collaborative Research: ANSWERS: Impacts of Atmospheric Waves and Geomagnetic Disturbances on Quiet-time and Storm-time Space Weather	47.050	61,586	26,949
NSF	AGS-2202785	Collaborative Research: Assessing climate and stochastic forcing of North Atlantic tropical cyclone activity over the past millennium	47.050	12,093	-
NSF	AGS-2223070	Exploring the impact of future land use change on global air quality and nutrient deposition	47.050	314,791	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	AGS-2228379	Collaborative Research: Development and applications of GEOS-Chem atmospheric chemistry in CESM and MUSICA	47.050	214,340	-
NSF	AGS-2243909	REU Site: Astronomy and Geoscience at the MIT Haystack Observatory	47.050	178,085	-
NSF	AGS-2316980	Advancing the Understanding of Wildfire Impacts on Stratospheric Chemistry	47.050	177,321	-
NSF	AGS-2327558	2023 Graduate Climate Conference	47.050	-17,879	-
NSF	AGS-2411430	Collaborative Research: 4-dimensional impacts of strong polar vortices on the thermosphere-ionosphere system	47.050	23,221	-
NSF	AGS-2431719	Collaborative Research: CEDAR: Measuring Photoelectron Distributions and Fluxes in the Ionosphere	47.050	85,716	-
NSF	AGS-2437054	Collaborative Research: Understanding the Quiet Time Thermospheric Composition Contribution to Ionospheric Day-to-Day Variability over the American Continent	47.050	12,244	-
NSF	AGS-2504079	Frontier Space Physics Research at the Millstone Hill Geospace Facility	47.050	281,402	-
NSF	EAR-1843686	Community Facility Support for GNSS Data Analysis with GAMIT/GLOBK	47.050	70,583	-
NSF	EAR-1852946	Methane isotopologue fractionation during microbial methanogenesis and methonotrophy by pure and mixed laboratory cultures	47.050	31,231	-
NSF	EAR-1905733	Collaborative Research: Development of a turnkey SQUID microscope platform for paleomagnetism and installation in a National Multi-User Facility	47.050	20,176	-
NSF	EAR-1923491	Collaborative Research: Hydrologic Disturbance in Tropical Peatlands: Linking Drainage, Soil Moisture, Flammability, and Carbon Fluxes	47.050	7,967	-
NSF	EAR-1925863	Collaborative Research: Do arc-continent collisions in the tropics set the Earth's climate state?	47.050	35,532	-
NSF	EAR-2044806	Collaborative Research: High temporal resolution paleomagnetism of speleothems	47.050	49,787	-
NSF	EAR-2054414	Collaborative Research: Community Facility Support: Facilitating Access and Innovation through a Collaborative Organization for Rock Deformation (CORD)	47.050	31,335	-
NSF	EAR-2123254	Collaborative Research: The role of subducting seamounts in fault stability and slip behavior throughout the seismic cycle	47.050	33,552	-
NSF	EAR-2141316	Collaborative Research: Coupled flow-geomechanical models applied to assess earthquake triggering in tectonically active regions – The Los Angeles basin, CA	47.050	45,199	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	EAR-2221963	Collaborative Research: EAR Climate - Pairing calcium and clumped isotopes to inform carbon cycle and climate dynamics at the onset of the Late Paleozoic Ice Age	47.050	96,736	-
NSF	EAR-2240376	Collaborative Research: Seismic cycles and earthquake nucleation on heterogeneous faults: Large-scale laboratory experiments, numerical simulations, and Whillans ice stream	47.050	109,161	-
NSF	EAR-2317597	Collaborative Research: EAR Climate: Earth-System Responses to the Penultimate Icehouse-Greenhouse Transition	47.050	4,599	-
NSF	EAR-2339556	CAREER: Towards a comprehensive model of seismicity throughout the seismic cycle	47.050	150,557	-
NSF	EAR-2402363	Collaborative Research: Developing a 500 kyr speleothem growth history near the southern Laurentide Ice Sheet margin in New York State	47.050	35,196	-
NSF	OAC-1835618	Collaborative Research: Framework: Data: Toward Exascale Community Ocean Circulation Modeling	47.050	-10,015	-
NSF	OCE-1756324	Collaborative Research: Bottom Boundary Layer Turbulent and Abyssal Recipes	47.050	252,326	-
NSF	OCE-1923312	Improving Accuracy and Precision of Marine Inorganic Carbon Measurements	47.050	-4,413	-
NSF	OCE-2023520	Collaborative Research: Coupling of Trade Winds with the Ocean's Subtropical Cells	47.050	6,338	-
NSF	OCE-2048470	Features and implications of nitrogen assimilation trait variability in populations of Prochlorococcus	47.050	84,173	-
NSF	OCE-2124211	Collaborative Research: Towards a More Comprehensive Understanding of Eulerian and Lagrangian Transport of Active and Passive Tracers in the Ocean	47.050	39,040	-
NSF	OCE-2138890	COVID-19: EAGER: Testing the Galápagos as a long-term monitoring site for nitrous oxide emissions from the Pacific oxygen deficient zones	47.050	-11,465	-
NSF	OCE-2140206	EAGER: Characteristic Disruptions of the Marine Carbon Cycle	47.050	13,114	-
NSF	OCE-2142998	CAREER: Carbon, nitrogen, and oxygen biogeochemistry at the scale of a sinking marine particle	47.050	336,639	-
NSF	OCE-2148468	US GEOTRACES GP17-OCE and GP17-ANT: Inorganic Carbon Cycling in the South Pacific and Southern Oceans by Direct Measurement	47.050	122,873	-
NSF	OCE-2148916	Collaborative Research: US GEOTRACES GP17-OCE and GP17-ANT: Pb Isotopes	47.050	75,301	-
NSF	OCE-2319028	Direct measurement of in situ growth and growth limitation of bacterioplankton species	47.050	240,857	-
NSF	OCE-2342715	Collaborative Research: The role of wind and waves in mixing the upper ocean	47.050	52,015	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	OCE-2342986	Collaborative Research: Opening the black box of oxygen deficient zone biogeochemistry through integrative tracers	47.050	177,075	-
NSF	OCE-2347991	Collaborative Research: Exploring AMOC controls on the North Atlantic carbon sink using novel inverse and data-constrained models (EXPLANATIONS)	47.050	24,343	-
NSF	RISE-2425761	Collaborative Research: Interpretable, Stable, Mass-Conserving AI for Air Pollution Modeling	47.050	173,113	-
NSF	RISE-2435284	IUCRC Planning Grant Massachusetts Institute of Technology: Center for Climate Risks Assessment (CCRA)	47.050	18,637	-
NSF	CCF-1231216	A Center for Brains, Minds, and Machines: The Science and the Technology of Intelligence	47.070	2,501,299	382,783
NSF	CCF-1729369	Collaborative Research: EPiQC: Enabling Practical-Scale Quantum Computation	47.070	240,978	219,651
NSF	CCF-1751011	CAREER: A Programming Language for Developing Software to Execute Reliably on Unreliable Hardware	47.070	-1,016	-
NSF	CCF-1845763	CAREER: Parallel Algorithms and Frameworks for Graph and Hypergraph Processing	47.070	343,034	-
NSF	CCF-1901292	AF: Medium: Collaborative Research: Theoretical Foundations of Deep Generative Models and High-Dimensional Distributions	47.070	-65,871	-
NSF	CCF-1918421	Expeditions: Collaborative Research: Global Pervasive Computational Epidemiology	47.070	184,658	-
NSF	CCF-1918839	Expeditions:Understanding the World Through Code	47.070	1,152,625	-
NSF	CCF-1940205	CAREER: Reducibility among high-dimensional statistics problems: information preserving mappings, algorithms, and complexity.	47.070	73,549	-
NSF	CCF-1943349	CAREER: Efficient Algorithms and Hardware for Accelerated Machine Learning	47.070	258,853	-
NSF	CCF-1955864	Collaborative Research: CNS: Occlusion and directional resolution in computational imaging	47.070	86,564	-
NSF	CCF-1956054	AF Medium: DNA-based Data Storage and Computing Materials	47.070	48,770	-
NSF	CCF-1956211	Collaborative Research: FET: Medium: Quantum Localization and Synchronization Networks	47.070	267,740	-
NSF	CCF-2003830	AF: Small: Distributed Algorithms for Dynamic, Noisy Platforms: Wireless Networks, Robot Swarms, and Insect Colonies	47.070	22,267	-
NSF	CCF-2007674	FET: Small: Robust and modular CRISPR/dCas9 transcriptional programs through regulated dCas9 generators	47.070	-47,030	-
NSF	CCF-2106377	Collaborative Research: CIF: Medium: Analysis and Geometry of Neural Dynamical Systems	47.070	288,995	-
NSF	CCF-2106711	Collaborative Research: SHF: Medium: Heterogeneous Architecture for Collaborative Machine Learning	47.070	-553	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	CCF-2107244	Collaborative Research: SHF: Medium: Spatial Multi-Tenant Neural Acceleration for Next Generation Datacenters	47.070	151,428	-
NSF	CCF-2107373	Collaborative Research:SHF: Medium : Analog EDA Algorithmic Perspectives for Efficient and Robust Neural Network Design	47.070	170,127	-
NSF	CCF-2119340	Collaborative Research: PPoSS: LARGE: Principles and Infrastructure of Extreme Scale Edge Learning for Computational Screening and Surveillance for Health Care	47.070	4,381	-
NSF	CCF-2123864	Collaborative Research: FMitF: Track I:Composable Verification of Crash-Safe Distributed Systems with Grove	47.070	1,863	-
NSF	CCF-2127597	Lower Bounds in Complexity Theory Via Algorithms	47.070	76,202	-
NSF	CCF-2131115	Collaborative Research: CIF: Small: Low-Complexity Algorithms for Unsourced Multiple Access and Compressed Sensing in Large Dimensions	47.070	51,814	-
NSF	CCF-2131541	Collaborative Research: DASS: Legally Accountable Cryptographic Computing Systems (LAChS)	47.070	172,506	-
NSF	CCF-2139936	AF: Small: An Algorithmic Theory of Brain Behavior: Concept Representation and Learning in Spiking Neural Networks	47.070	186,874	-
NSF	CCF-2153230	NSF-IITP: CNS Core: Small: Quantum Communication and Sensing at Terahertz: A Path Toward 6G and Beyond	47.070	245,556	-
NSF	CCF-2217064	PPoSS: LARGE: Intel: Combining Learning and Formal Verification for Scalable Machine Programming (ScaMP)	47.070	482,458	-
NSF	CCF-2217099	Collaborative Research: PPoSS: LARGE: A Full-Stack Architecture for Sparse Computation	47.070	559,908	-
NSF	CCF-2227876	AF: SMALL: On the Complexity of Satisfiable CSPs	47.070	215,753	-
NSF	CCF-2233897	AF: Small: Low-Degree Methods in Optimizing in Random Structures. Power and Limitations	47.070	293,767	-
NSF	CCF-2238030	CAREER: DeepCertify: Data-driven Formal Approach to Safe Autonomy	47.070	21,921	-
NSF	CCF-2238080	CAREER: Statistics through the Sum of Squares Lens	47.070	48,568	-
NSF	CCF-2239160	CAREER: New Challenges in Analysis of Boolean Functions	47.070	46,927	-
NSF	CCF-2310818	AF: SMALL: Extending the reach of distribution testing via structure	47.070	135,975	-
NSF	CCF-2313023	SHF: Medium: End-to-End Proofs for Safe Accelerator Programming.	47.070	183,477	-
NSF	CCF-2316235	PPoSS: LARGE: General-Purpose Scalable Technologies for Fundamental Graph Problems.	47.070	41,793	-
NSF	CCF-2319167	Collaborative Research: FMitF: Track I: The Phlox framework for verifying a high-performance distributed database	47.070	303,649	-
NSF	CCF-2326182	Using Machine Learning to Shape the Future of Large-Scale Systems	47.070	301,371	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	CCF-2328543	CAREER: The Exocompiler: Decoupling Algorithms from the Organization of Computation and Data	47.070	171,581	-
NSF	CCF-2330048	AF: SMALL: Algorithms and Limitations for Matrix Multiplication	47.070	86,225	-
NSF	CCF-2339948	CAREER: Exploring the power of quantum protocols for interactive proofs	47.070	162,471	-
NSF	CCF-2347321	Collaborative Research: AF: Small: Structural Graph Algorithms via General Frameworks	47.070	97,099	-
NSF	CCF-2400541	CPS: Medium: Chips for Efficient and Robust Navigation	47.070	354,470	-
NSF	CCF-2403100	FET Medium: Next-generation DNA-based Computing and Memory Materials	47.070	93,781	-
NSF	CCF-2403237	Collaborative Research: SHF: Medium: A Scalable Graph-Based Approach to Clustering	47.070	2,127	-
NSF	CCF-2420092	AF: Small: Explorations in Lower Bounds With Algorithms	47.070	110,998	-
NSF	CCF-2421734	FMitF: Track I: Formally Verified Programmable Network Switches	47.070	182,664	-
NSF	CCF-2422052	Collaborative Research: FMitF: Track I: AVA: Architectural Insights For Formal Verification Of Computer Architectures	47.070	2,773	-
NSF	CCF-2428619	Mathematical Foundations for Machine Learning with Latent Space Graphs	47.070	158,169	-
NSF	CCF-2430381	AF: Small: Learning from Dynamics	47.070	101,168	-
NSF	CCF-2443045	CAREER: Pushing the Frontiers of Sampling & Inference	47.070	8,795	-
NSF	CCF-2443068	CAREER:Pushing the Boundaries of Learning Dynamics and Equilibrium Computation in Games: Control, Complexity, and Nonlinear Optimization	47.070	31,126	-
NSF	CMMI-2202477	Collision-resilient insect-scale soft aerial robots for collective flights in cluttered environments	47.070	158,808	-
NSF	CNS-1907905	CNS Core: Small: Wireless Network Control in Uncooperative and Adversarial Environments	47.070	77,411	-
NSF	CNS-1925609	CCRI: Medium: Cilk Infrastructure for Next-Generation Parallel-Programming Research	47.070	-14,418	-
NSF	CNS-1955270	Collaborative Research: SaTC: CORE: Medium: Hardening Off-the-Shelf Software Against Side Channel Attacks	47.070	121,459	-
NSF	CNS-2008624	Collaborative Research: CNS Core: Small: A Principled Framework for Workload Distribution Techniques in Large-Scale Networks	47.070	16,540	-
NSF	CNS-2044973	CAREER: Certifiable Perception for Autonomous Cyber-Physical Systems	47.070	16,909	-
NSF	CNS-2046359	CAREER: A Quantitative Framework for Analyzing and Mitigating Microarchitectural Side Channels	47.070	80,422	-
NSF	CNS-2054869	SaTC: CORE: Small: Practical private information retrieval	47.070	129,749	-

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	CNS-2104398	Collaborative: NGSDI: Foundations of Clean and Balanced Datacenters: Treehouse	47.070	246,098	-
NSF	CNS-2106268	Collaborative Research: CNS Core: Medium: Inference and Control in Overlay Networks	47.070	53,417	-
NSF	CNS-2115587	SaTC: CORE: Medium: Provably Secure, Usable, and Performant Enclaves in Multicore Processors	47.070	316,729	-
NSF	CNS-2130671	SaTC: CORE: Small: Scaling Correct-by-Construction Code Generation for Cryptography	47.070	45,351	-
NSF	CNS-2144766	CAREER: Large-scale Dynamic Reconfigurable Networks	47.070	136,656	-
NSF	CNS-2148128	RINGS: Enabling Wireless Edge-cloud Services via Autonomous Resource Allocation and Robust Physical Layer Technologies	47.070	151,710	7,450
NSF	CNS-2148132	RINGS: Coding over High-Frequency for Absolute Post-Quantum Security (CHAPS)	47.070	326,219	302,192
NSF	CNS-2148251	RINGS: Resilient and Low-Latency Networks for Situation Awareness in the Factory of the Future	47.070	430,326	99,264
NSF	CNS-2149548	Collaborative Research: CPS: Medium: An Online Learning Framework for Socially Emerging Mixed Mobility	47.070	118,452	-
NSF	CNS-2154149	Collaborative Research: SaTC: CORE: Medium: Theoretical Foundations of Block Ciphers	47.070	279,616	-
NSF	CNS-2211382	Collaborative Research: CNS Core: Medium: A Stateful Switch Architecture for In-Network Compute	47.070	74,999	-
NSF	CNS-2212099	Collaborative Research: CNS Core: Medium: High-performance Network Stacks for the Edge	47.070	200,860	-
NSF	CNS-2212102	Collaborative Research: CNS Core: Medium: Robust Behavioral Analysis and Synthesis of Network Control Protocols Using Formal Verification	47.070	181,581	-
NSF	CNS-2219365	CSforAll: RPP: Programming the Acceleration of Computing and Equity in Massachusetts 2 (PACE2)	47.070	421,415	-
NSF	CNS-2225441	SaTC: CORE: Medium: Verifying Hardware Security Modules with Information-Preserving Refinement	47.070	247,934	112,186
NSF	CNS-2236700	EAGER: Developing design principles for network-scale applications derived from Internet thinking and the behavioral sciences.	47.070	22,756	-
NSF	CNS-2239566	CAREER: Learning for Generalization in Large-Scale Cyber-Physical Systems	47.070	60,433	-
NSF	CNS-2308901	NeTS: Small: Enabling Long-Range Underwater Backscatter via Van-Atta Acoustic Networks	47.070	407,496	-
NSF	CNS-2313234	Collaborative Research: CPS: Medium: Robotic Perception and Manipulation via Full-Spectral Wireless Sensing	47.070	159,627	-

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NSF	CNS-2330065	SaTC: CORE: Medium: Towards a Universal Cryptographic Acceleration System	47.070	364,801	-
NSF	CNS-2346495	Collaborative Research: CIRC: Planning-C: Social Intelligence Research Community Platform	47.070	53,927	-
NSF	CNS-2346520	Collaborative Research: Building a Bridge Between Science and AI through Compiler Technology	47.070	94,777	-
NSF	IIS-1729931	Collaborative Research: Computational Photo-Scatterography: Unraveling Scattered Photons for Bio-imaging	47.070	3,860	-
NSF	IIS-1830282	NRI:INT:COLLAB: Collaborative Task Planning and Learning through Language Communication in a Human-Robot Team	47.070	16,119	-
NSF	IIS-1844406	CAREER: Adaptive Physical User Interfaces	47.070	4,096	-
NSF	IIS-1900991	III: Large: Collaborative Research: Analysis Engineering for Robust End-to-End Data Science	47.070	227,795	-
NSF	IIS-1942659	CAREER: Effective Interaction Design for Data Visualization	47.070	152,797	-
NSF	IIS-2006152	CHS:Small:Capturing Multisensory Interactions in Cutaneous Displays	47.070	12,411	-
NSF	IIS-2008116	Collaborative Research: CHS: Small: Learning Maker Skills By Building Game Props	47.070	6,665	-
NSF	IIS-2105819	Collaborative Research: HCC: Medium: Differentiable Rendering for Computer Graphic	47.070	87,425	-
NSF	IIS-2106962	Collaborative Research: HCC: Medium: Computational Design of Complex Fluidic Systems	47.070	81,326	-
NSF	IIS-2133072	Collaborative Research: NRI: Remotely Operated Reconfigurable Walker Robots for Eldercare	47.070	221,390	-
NSF	IIS-2151077	RI: Small: Modular structures in the brain and artificial learningsystems: emergence and function	47.070	12,206	-
NSF	IIS-2204914	Collaborative Research: SCH: An AI Coach for Enhancing Teamwork in the Cardiac Operating Room	47.070	95,030	-
NSF	IIS-2211260	Learning Compositional Implicit Representations for 3D Scene Understanding	47.070	134,261	-
NSF	IIS-2212310	Collaborative Research: RI: Medium: Bootstrapping natural feedback for reinforcement learning	47.070	170,989	95,998
NSF	IIS-2213826	HCC: Small: Human-Centered Computing to Support Citizen Data Science on Gender-based Violence and in Other Domains	47.070	203,570	-
NSF	IIS-2214177	Robotics: Flexible manipulation without prior shape models	47.070	294,610	-
NSF	IIS-2234870	Collaborative Research: CPS: Medium: CyberOrganoids: Microrobotics-enabled differentiation control loops for cyber physical organoid formation	47.070	304,098	-
NSF	IIS-2238240	CAREER: Learning Structured Models with Natural Language Supervision	47.070	106,846	-

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NSF	IIS-2301356	Collaborative Research: HCC: Small: Computational Design of Knitted Wearable Haptic Devices	47.070	66,683	-
NSF	IIS-2335492	Collaborative Research: HCC: Small: Discretization-Free Geometry Processing	47.070	149,086	-
NSF	IIS-2339381	CAREER: Ethical Machine Learning in Health: Robustness in Data, Learning and Deployment	47.070	200,695	-
NSF	IIS-2341748	HCC: Small: A Grammar of Multimodal Data Representations for Accessible Interactive Data Analysis	47.070	87,039	-
NSF	IIS-2402878	Collaborative Research: HCC: Medium: Enhancing Communication and Interaction for Individuals with Severe Disabilities: A Novel Interface Leveraging Multiple Information Sources	47.070	58,130	-
NSF	IIS-2419933	Summer Geometry Initiative 2024	47.070	29,713	-
NSF	OAC-1931469	Collaborative Research: Frameworks: Machine learning and FPGA computing for real-time applications in big-data physics experiments	47.070	-4,095	-
NSF	OAC-2004645	Collaborative Research : Elements : Extending the physics reach of LHCb by developing and deploying algorithms for a fully GPU-based first trigger stage	47.070	332	-
NSF	OAC-2103804	Collaborative Research: Frameworks: Convergence of Bayesian inverse methods and scientific machine learning in Earth system models through universal differentiable programming	47.070	19,802	-
NSF	OAC-2335657	EAGER: Integrating Open and Equitable Research into Open Science	47.070	115,757	59,487
NSF	OAC-2403239	OAC Core: OAC Core Projects: GPU Geometric Data Processing	47.070	162,331	-
NSF	OAC-2411204	LHCb Upgrade II: Tackling the 200 Tb/s challenge	47.070	84,901	-
NSF	DEB-1924148	CNH2-S: Mercury Pollution and Human-Technical-Environmental Interactions in Artisanal Mining	47.074	93,056	73,020
NSF	DEB-2339051	CAREER: Soil Carbon Loss under Global Change: Unearthing Opportunities for Climate Mitigation	47.074	207,318	-
NSF	DEB-2436069	A theoretical understanding of feasible energy limits in ecological communities	47.074	19,005	-
NSF	EF-2125118	Collaborative Research: MIM: Partners in slime: Learning how mucus shapes and maintains microbiomes	47.074	190,106	-
NSF	IOS-1845663	CAREER: Dissecting Neural Mechanisms of Behavioral State Control in C. elegans	47.074	2,815	-
NSF	IOS-2035181	EDGE-FGT: Genetic Tools for Picocyanobacteria that Dominate the Oceans	47.074	14,695	14,876
NSF	IOS-2239070	CAREER: Mechanisms and consequences of Genotype by Environment interaction in a model grass	47.074	322,042	-

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NSF	IOS-2319332	Collaborative Research: EDGE-FGT: Furthering Progress on a Genetic System for the Oceans' Most Abundant Phototrophs	47.074	222,239	-
NSF	MCB-1943141	CAREER: Towards open and community-responsive ecological editing	47.074	183,027	10,947
NSF	MCB-2027165	Programmable Abiotic-Biotic Interface With planar DNA Nanopore Electrodes	47.074	47,201	38,523
NSF	MCB-2027949	Collaborative Research: MODULUS: Uncovering and re-engineering chromatin modification circuits that dictate epigenetic cell memory	47.074	258,992	-
NSF	MCB-2041555	Collaborative Research: Multidimensional single-cell phenotyping for elucidating genome to phenome relationships	47.074	193,434	-
NSF	MCB-2042362	CAREER: Chromatin Folding from the Bottom-up	47.074	247,208	-
NSF	MCB-2044895	Biophysics of Nuclear Condensates	47.074	1,210,539	827,290
NSF	MCB-2046778	CAREER: Developing novel structural techniques to untangle bacterial ribosome biogenesis	47.074	223,282	-
NSF	MCB-2116037	NSF-BSF: Sentinels: Viral First Responder Cells (VFRCs) for COVID-19 and Future Rapidly Emerging Infectious Diseases	47.074	131,938	-
NSF	MCB-2130687	BBSRC-NSF/BIO: Quantum-enhanced long-range energy capture	47.074	96,950	-
NSF	MCB-2218259	Collaborative Research: Poise under pressure: Developing strains with minimal genomes for integrated bioprocessing	47.074	188,594	-
NSF	MCB-2236194	Procollagen Assembly	47.074	256,669	-
NSF	MCB-2244770	EAGER: Leveraging Chaperones to Escape the Plant RuBisCO Catalytic Catch-22	47.074	74,367	-
NSF	MCB-2313877	Reversible long-term memory devices in bacteria inspired by mammalian chromatin modification circuits	47.074	154,005	-
NSF	MCB-2337728	CAREER: Dynamic dissection of how transcription and loop extrusion regulate 3D genome structure	47.074	177,973	-
NSF	MCB-2339986	CAREER: Understanding and engineering DNA supercoiling-mediated feedback in gene circuits	47.074	227,303	-
NSF	MCB-2428308	FMSG BIO: Next-generation Sub-10nm Manufacturing Framework for Photonic Quantum Technologies using DNA	47.074	17,957	-
NSF	MCB-2440518	CAREER: Investigating how proteins and lipids coordinate the formation and function of membrane-associated condensates	47.074	3,396	-
NSF	BCS-1826757	CompCog: Advancing Understanding of Visual Crowding	47.075	13,940	-
NSF	BCS-2042748	Collaborative Research: Exploring Variation in English Intonational Acoustic Phonetics from Grammatical Perspectives	47.075	16,440	-
NSF	BCS-2121009	Collaborative Research: CompCog: Adversarial Collaborative Research on Intuitive Physical Reasoning	47.075	116,579	-

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NSF	BCS-2121074	CompCog: Noisy-channel processing in human language understanding	47.075	181,893	-
NSF	BCS-2124136	Collaborative Research: NCS-FR: Beyond the ventral stream: Reverse engineering the neurocomputational basis of physical scene understanding int he primate brain	47.075	542,624	-
NSF	BCS-2240406	The Perception and Cognition of Sound Texture	47.075	178,519	-
NSF	CNS-2319025	SaTC: CORE: Small: Amplifying Deepfake Detection by Humans Using Cognitively-Inspired Interfaces	47.075	54,709	-
NSF	IIS-2418125	Conference: New horizons in language science: large language models, language structure, and the neural basis of language	47.075	-16,876	-
NSF	SES-1848857	Risk Markets Imbalances and Macroeconomics	47.075	-3,165	-
NSF	SES-1919437	Collaborative Research: The Tax Administration Production Function: Evidence from Indonesia	47.075	83,239	83,239
NSF	SES-1944138	CAREER: Information Frictions in Consumer Credit Markets: Evidence on Policy, Practice, and Beliefs	47.075	84,923	-
NSF	SES-1948692	Collaborative Research: The economics of social data	47.075	7,472	-
NSF	SES-2017315	Strategic Links Between Campaign Donations and Lobbying: Evidence from the LobbyView Database of Money in Politics	47.075	104,810	-
NSF	SES-2047152	Integrating Political Science and Cognitive Science to Meet the Challenge of Promoting Accurate Information on Social Media	47.075	242,853	-
NSF	SES-2047513	CAREER: Toward A Framework for Intersectional Antiracism in Technology Development, Design and Distribution	47.075	88,530	-
NSF	SES-2049744	Collaborative Research: Information and Markets	47.075	461	-
NSF	SES-2329988	Understanding the effect of individual decision-making strategies on collective decision outcomes	47.075	176,195	54,945
NSF	SES-2417162	Prediction, Inference, and Choice	47.075	86,185	-
NSF	SES-2428384	Conference: Access to Science and Scholarship: A workshop on establishing a robust and sustainable research agenda for the future of open scholarly communication	47.075	43,786	-
NSF	SES-2446994	Collaborative Research: The Incidence of Distortions	47.075	50,224	-
NSF	DGE-2141064	Graduate Research Fellowship Program (GRFP)	47.076	21,655,321	-
NSF	DRL_2005702	Collaborative Research: Facilitating Computational Tinkering: Design-Based Strategies to Engage Children and Families in Creating with Code	47.076	2,849	-
NSF	DRL-1934126	Made with Math	47.076	146,972	-
NSF	DRL-2024679	Collaborative Research:NCS-FO: How cognitive maps potentiate newlearning: constraining a computational model by decoding the thoughtsof superior memorists	47.076	-13,631	-
NSF	DRL-2048746	Developing and Testing Innovations [DTI]: Everyday AI for Youth	47.076	152,895	30,255

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Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	DRL-2124052	Collaborative Research: NCS-FO: Studying language in the brain in the modern machine learning era	47.076	12,927	-
NSF	DRL-2200917	Collaborative Research: Designing Computational Modeling Curricula across Science Subjects to Study How Repeated Engagement Impacts Student Learning throughout High School	47.076	416,615	-
NSF	DRL-2321499	Research Infrastructure: Million Tutor Moves Observatories Project (MT MOP): Incubating Digital Infrastructure for an Equitable, Intelligent, and Resilient STEM Education System	47.076	366,943	80,000
NSF	DUE-2142638	Making the makers: Understanding how increased agency and social impact driven makerspaces grow engineering identity and self-efficacy in marginalized students	47.076	509,528	135,350
NSF	IIS-2202431	We are in this together!: Leveraging mixed reality headset technologies to re-design participatory simulations for complex systems learning in classrooms	47.076	228,373	-
NSF	OAC-2209756	Frameworks: Cyberinfrastructure for Remote Data Collection with Children	47.076	626,288	-
NSF	OPP-1931131	A New Instrument and Measurement Approach to Cryo-Seismogeodesy: Monitoring Antarctic Ice Shelf Stability Using Ice Penetrators	47.078	181,156	-
NSF	OPP-2103100	Collaborative Research: Temperature and atmospheric circulation history of high-latitude Canada across interglacials of the past 1.5 Myr from cave deposits	47.078	118,764	-
NSF	OPP-2332429	Collaborative Research: The Next Generation of US Geospace Research Facilities at South Pole, McMurdo and Palmer Stations in Antarctica	47.078	123,966	-
NSF	CBET-2328775	2023 Alan T Waterman Award	47.083	672,371	-
NSF	OIA-2134795	NSF Convergence Accelerator Track D: A Community Resource for Innovation in Polymer Technology (CRIPT)	47.083	351,795	-
NSF	OIA-2219052	GCR:Collaborative Research: Micro-robo-genetics for programmable organoid formation	47.083	171,548	-
NSF	PHY-2320699	MRI: Track 1 Development of DarkQuest: A dark sector upgrade to SpinQuest at the 120 GeV Fermilab Main Injector	47.083	234,343	13,512
NSF	2326986	I-Corps: Surface Innovation for Energy Efficiency and Water Management	47.084	8,169	-
NSF	DMR-2329088	Collaborative Research: FuSe: PHACEO: High-throughput Discovery of Phase Change Materials for Co-designed Electronic and Optical Computational Devices	47.084	153,298	-
NSF	ECCS-2328839	Collaborative Research: FuSe:Substrate-inverted Multi-Material Integration Technology (SuMMIT)	47.084	701,743	206,893

Appendix A1
Massachusetts Institute of Technology
Federal Research Support - On Campus
FY 2025 Expenditures

Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	EEC-2329190	Collaborative Research: FuSe: Monolithic 3D Integration (M3D) of 2D materials-based CFET Logic Elements towards Advanced Microelectronics	47.084	308,805	-
NSF	ITE-2235945	NSF Convergence Accelerator Track I: Sustainable Topological Energy Materials (STEM) for Energy-efficient Applications	47.084	729	-
NSF	ITE-2342005	EAGER: Choosing a Regional Innovation Engine: The Impact of Innovation Ecosystem Acceleration Training on Ecosystem Mapping, Stakeholder Engagement, and Regional Innovation Engine Choice	47.084	100,461	-
NSF	ITE-2344314	NSF Convergence Accelerator Track M: Soft Growing Robots for Mobility Support	47.084	370,684	235,793
NSF	ITE-2345076	NSF Convergence Accelerator Track I:Phase 2	47.084	2,304,299	136,172
NSF	ITE-2345084	NSF Convergence Accelerator Track I: Advancing Sustainable Topological Material Prototype Devices for Energy-efficient Applications	47.084	2,107,413	508,472
NSF	ITE-2430272	EAGER: PBI: Industry Agglomeration and Innovation-Driven Economic Growth: A Framework for Data, Metrics, and Evaluation	47.084	101,203	68,729
NSF	TI-2229704	POSE: PHASE I: Open Source Ecosystem for OpenCilk	47.084	44,116	-
NSF	TI-2237325	I-Corps: Machine Learning and Bio-Signal Processing for Enhancing Empathy Training	47.084	17,707	-
NSF	TI-2324992	I-Corps: Catalytic Porous Organic Polymers	47.084	21,450	-
NSF	TI-2331740	I-Corps: Electrokinetic Drug Delivery into Dental Enamel	47.084	2,824	-
NSF	TI-2332387	I-Corps Teams: Hybrid solid-liquid cathode to boost lithium primary battery energy	47.084	1,356	-
NSF	TI-2333500	Cyber Tactile Perception Platform for Manufacturing Robotics Applications	47.084	-5,224	-
NSF	TI-2335930	I-Corps: AI for predicting Polymer Properties for Biopolymer Films	47.084	16,339	-
NSF	TI-2338198	EAGER: Preserving Privacy in the Use of Digital Currencies	47.084	47,506	-
NSF	TI-2346223	POSE: Phase II: Open-Source Ecosystem for OpenCilk	47.084	864,282	33,684
NSF	TI-2402654	I-Corps: minimally-invasive, patient-specific intracardiac implants	47.084	45,124	-
NSF	TI-2403794	I-Corps Teams: Serrice Space Systems	47.084	13,656	-
NSF	TI-2414768	Advanced chemical platform for energy-boosted hybrid primary batteries	47.084	179,661	-
NSF	TI-2420417	I-Corps: Translation Potential of a Machine Learning Risk Stratification Tool for Venous Thromboembolism	47.084	27,135	-
NSF	TI-2422948	I-Corps Teams: Translation potential of enhancing predictions in sparse data environment	47.084	31,253	-
NSF	TI-2430342	NSF I-Corps Hub (Track 1): New England Region	47.084	850,097	164,103

Appendix A1
Massachusetts Institute of Technology
Federal Research Support - On Campus
FY 2025 Expenditures

Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NSF	TI-2434558	I-Corps Teams: Evaluating commercialization of intratumoral therapies. “I-Corps Teams: Absco Therapeutics (AbscoTx)”	47.084	44,996	-
NSF	TI-2449339	POSE: Phase II: Transitioning FESTIM into a Sustainable Open-Source Ecosystem (OSE)	47.084	22,093	-
NSF	TI-2505245	I-Corps: Hydrogel-based resin technology for industrial purifications	47.084	976	-
		Total for National Science Foundation		**98,376,857**	**8,149,554**
		TOTAL for National Science Foundation		**98,376,857**	**8,149,554**
		TOTAL Federal Research Support - On Campus		**466,727,092**	**92,756,238**

Appendix A-2
Massachusetts Institue of Technology
Schedule of Expenditures of Federal Awards - Lincoln Laboratory
By Sponsor & Contract - FY 2025

Sponsor	Contract Number	Program Name	ALN #	Total $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE					
CLASSIFIED	FA8702-15-D-0001		12.RD	$ 368,970,103	$ 26,544,858
COMBATANT COMMANDS	FA8702-15-D-0001		12.RD	45,197,136	855,368
DEPARTMENT OF THE AIR FORCE	FA8702-15-D-0001		12.RD	467,579,925	33,011,684
DEPARTMENT OF THE ARMY	FA8702-15-D-0001		12.RD	85,084,191	1,252,887
DEPARTMENT OF THE NAVY	FA8702-15-D-0001		12.RD	95,358,480	10,974,081
OFFICE OF THE SECRETARY OF DEFENSE	FA8721-05-C-0002		12.RD	226,228,795	11,967,353
	FA8702-15-D-0001		12.RD	395,483	-
OTHER DEPARTMENT OF DEFENSE	FA8702-15-D-0001		12.RD	99,862,600	3,379,527
TOTAL DEPARTMENT OF DEFENSE				**$ 1,388,676,713**	**$ 87,985,758**
NON DEPARTMENT OF DEFENSE					
DEPARTMENT OF COMMERCE	FA8702-15-D-0001		11.RD	9,004,937	330,938
DEPARTMENT OF ENERGY	FA8702-15-D-0001		81.RD	9,114,920	-
DEPARTMENT OF HEALTH & HUMAN SERVI(	FA8702-15-D-0001		93.RD	11,704,572	-
DEPARTMENT OF HOMELAND SECURITY	FA8702-15-D-0001		97.RD	16,506,294	60,916
DEPARTMENT OF JUSTICE	FA8702-15-D-0001		16.RD	3,047,348	74,250
DEPARTMENT OF STATE	FA8702-15-D-0001		19.RD	-	-
DEPARTMENT OF TRANSPORTATION	FA8702-15-D-0001		20.RD	20,701,004	65,251
NATIONAL AERONAUTICS AND SPACE ADMI	FA8702-15-D-0001		43.RD	12,993,697	2,604,611
OTHER NON DOD	FA8702-15-D-0001		99.RD	786,309	-
US AGENCY FOR INTERNATIONAL DEVELOP	FA8702-15-D-0001		98.RD	(1,678)	-
TOTAL NON-DEPARTMENT OF DEFENSE				**$ 83,857,403**	**$ 3,135,966**
TOTAL DIRECT AWARDS				**$ 1,472,534,116**	**$ 91,121,724**

Appendix A-2
Massachusetts Institue of Technology
Schedule of Expenditures of Federal Awards - Lincoln Laboratory
By Sponsor & Contract - FY 2025

Prime Sponsor and Sponsor	Passthrough Contract Number	Program Name	ALN #	Total	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE					
DEPARTMENT OF THE AIR FORCE					
MIT Campus	FA8750-19-2-1000	AI-Enhanced Spectral Awareness	12.RD	93,037	-
MIT Campus	FA8750-19-2-1000	Objective Performance Prediction & Optimization	12.RD	418	-
MIT Campus	FA8750-19-2-1000	AI-Enhanced Spectral Awareness	12.RD	187,306	-
MIT Campus	FA8750-19-2-1000	AI-Robust Neural Differential Models	12.RD	15,107	-
MIT Campus	FA8750-19-2-1000	AI-Automation in Space Domain Awareness	12.RD	1,080,423	-
MIT Campus	FA8750-19-2-1000	Trustworthy AI	12.RD	30,734	-
MIT Campus	FA8750-19-2-1000	Few-Shot and Continual Lear	12.RD	159,951	-
MIT Campus	FA8750-19-2-1000	Better Networks Via AI Enabled Hierarchic	12.RD	223,352	-
MIT Campus	FA8750-19-2-1000	Guardian Autonomy for Safe Decision Making	12.RD	315,140	-
MIT Campus	FA8750-19-2-1000	Fast AI: Quick Development of Portable H	12.RD	283,153	-
MIT Campus	FA8750-19-2-1000	ML-Enhanced Data Collection, Integration	12.RD	195,909	-
MIT Campus	FA8750-19-2-1000	Transferring Multi-Robot Learning Through	12.RD	214,195	-
MIT Campus	FA8750-19-2-1000	Conversational Interaction for Unstructured	12.RD	182,268	-
MIT Campus	FA8750-19-2-1000	Multimodal Vision for Synthetic Aperture	12.RD	154,458	-
MIT Campus	FA8750-19-2-1000	AF-Weather: Newman Child	12.RD	162,658	-
MIT Campus	FA8750-19-2-1000	AI Education & Training	12.RD	1,703	-
Thrust AI, LLC	FA864923P0372	Runway Situation Awareness and Alerting	12.RD	185,608	-
Sedaro Corporation	FA8649-24-P-0137	Digital Twin for Hypersonics	12.RD	(3,247)	-
Omni Fed LLC	FA233024PB001	Synthetic Weather Environment Injection	12.RD	29,641	-
Bright Silicon Technologies	FA873024PB008	Optical Com Terminal for Airborne Netwrk	12.RD	547,675	-
MIT Campus	FA8750-19-2-1000	Agents- Conflict Res and Diplomacy (AIA)	12.RD	236,995	-
MIT Campus	FA8750-19-2-1000	Explainable Machine Learning - Decision	12.RD	(1,146)	-
MIT Campus	FA8750-19-2-1000	Multi-Agent Teaming-MARL (AIA)	12.RD	158,509	-
MIT Campus	FA8750-19-2-1000	Human-Mach Collab-Explainable AI (AIA)	12.RD	259,359	-
MIT Campus	FA8750-19-2-1000	Physics Informed ML (AIA)	12.RD	76,243	-
American Ecotech, LLC	FA864924P0468	Corrosive Aerosol Risk Evaluation System	12.RD	94,750	-
Octave Photonics	FA955024PB006	FRACTAL	12.RD	50,559	-
Magma Space LLC	FA864924P1116	Magnetic bearing reaction wheels for low	12.RD	77,950	-
Aperture Space, Inc.	FA254125CB019	L-Band Scanning Antenna for SBEM	12.RD	125,569	-
AutonomUS Medical Technologies, Inc.	FX24E-TPCSO1-0393	AI-Guide Tech Translate STTR	12.RD	27,026	-
DEPARTMENT OF THE ARMY					
Advanced Functional Fabrics of America	W15QKN-16-3-0001	Controlled Reflectivity Fabrics	12.RD	13,782	-
MIT Campus	W911NF-20-1-0037	Metastable Qubits Multi-Ion Systems	12.RD	2,563	-
TransWave Photonics LLC	W911NF-22-C-0050	Mid-wave Infrared Beam Steering	12.RD	56,218	-
Synoptic Inc.	W56KGU-21-C-0013	Retrodirective Coherency Linking Advanc	12.RD	(321)	-
Mesh Inc.	W911SR-23-C-0023	Improved Standoff Plume Mapping	12.RD	269,381	-
AdvR Inc	W51701-24-C-0242	Boosted Quantum Interferometer for RF	12.RD	66,292	-
Quantum Catalyzer	W51701-25-C-0082	Portable Diamond Magnetometer	12.RD	50,593	-
Voxcroft Analytics, Inc	W51701-24-C-0080	Influence Quantification Tech VoxCroft	12.RD	19,466	-
DEPARTMENT OF THE NAVY					
Vescent Photonics LLC	N68335-19-C-0642	Diamond Deployed Devices	12.RD	152,810	-
Metis Foundation	W81XWH-22-9-0009	AI-Enabled Nerve Blocks	12.RD	180,276	-
Pendar Technologies	N68335-22-C-0009	Affordable and Efficient High-Power Long	12.RD	1,543	-
MIT Campus	N000142412350	IREEN	12.RD	61,692	-
Critical Frequency Design	N231-010-1325	Antenna Remoting RF Fiber Links	12.RD	42,333	-
Massachusetts Technology Collaborative	N00164-23-9-G060	High Aluminum AlGaN Devices	12.RD	311,806	-
Cognitive Performance Group of Florida	N68335-25-C-0162	AUTOMATED OMEN PERFORMANCE ASSESSMENT	12.RD	5,600	-

Appendix A-2
Massachusetts Institue of Technology
Schedule of Expenditures of Federal Awards - Lincoln Laboratory
By Sponsor & Contract - FY 2025

Prime Sponsor and Sponsor	Passthrough Contract Number	Program Name	ALN #	Total	$ Amount Passed to Subrecipients
DIRECTOR OF NATIONAL INTELLIGENCE					
MIT Campus	2022-22072700001	IC-MIT Strategic Partnership	54.RD	(440)	-
MIT Campus	2022-22072700001	IC-MIT Strategic Partnership - 2024	54.RD	33,862	-
MISSLE DEFENSE AGENCY					
Additive Innovations, LLC	HQ0860-25-C-7513	3D Printed SiC for HEL Directed Energy	12.RD	8,840	-
OFFICE OF THE SECRETARY OF DEFENSE					
Creare, LLC	W81XWH22C006	Efficient Measure/Noise Blast	12.RD	10,110	-
SI2 Technologies, Inc.	HQ0727-23-C-0004	High Tg Radiation Shielding	12.RD	148,677	-
University of Nebraska	HHM402-23-D-0006	Beaverworks	12.RD	104,483	-
Triton Systems, Inc.	W31P4Q-23-C-0001	Low Acoustic Air	12.RD	76,334	-
MIT Campus	HR00112390143	Visible-Frequency Metavalent Materials	12.RD	2,377	-
		Total Department of Defense		**$ 6,783,580**	**$ -**
NON DEPARTMENT OF DEFENSE					
DEPARTMENT OF ENERGY					
Lawrence Berkeley National Laboratory	DE-AC02-05CH11231	Advanced Quantum Testbed	81.RD	$ 7,426	-
MIT Campus	DE-AR0001527	VAMCO Prototype Development	81.RD	164,922	-
MIT Campus	DE-AR0001591	8-GAN-ON-SI Super Junction Devices	81.RD	515,541	-
University of Rochester Labroratory of Laser Enegetics	DE-NA0001944	High Power Opt. Absorption Measurements	81.RD	12,357	-
NP Photonics, Inc.	DE-SC0024019	Ultrafast Fiber Laser Amplifiers	81.RD	150,311	-
Vuronyx Technologies	DE-SC0025009	Radiation Shielding of Electronic Circui	81.RD	64,135	-
DEPARTMENT OF HEALTH & HUMAN SERVICES					
Massachusetts General Hospital	1-U01-EB028660-01	Diffuse Correlation Spectroscopy for Functional Imaging of the Human Brain	93.RD	54,423	-
MIT Campus	5-U01-MH117072-05	Integrated Cell Type Brain Mapping (Yr 5)	93.RD	1,211	-
State of Maine	OSA-22-3000	Mobile Crisis Data System for Maine	93.RD	(6,538)	-
University of Massachusetts Chan Medical School	K23DC016656	Speech Markers for Parkinson's	93.RD	18,843	-
MBF Bioscience	2-R44-MH128076-02	Next Generation Axonal Quantification	93.RD	104,616	-
MBF Bioscience	2MH128076-02	Next Generation Axonal Quant YR2	93.RD	121,372	-

Appendix A-2
Massachusetts Institue of Technology
Schedule of Expenditures of Federal Awards - Lincoln Laboratory
By Sponsor & Contract - FY 2025

Prime Sponsor and Sponsor	Passthrough Contract Number	Program Name	ALN #	Total	$ Amount Passed to Subrecipients
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION					
Jet Propulsion Laboratory	NNN12AA01C	Psyche Deep-Space Optical Communications	43.RD	$ 56,567	-
Jet Propulsion Laboratory	NNN12AA01C	Europa Lander Ladar Design Study	43.RD	126,777	-
AdvR Inc.	80NSSC20C0643	High-purity, High-rate, Photon Pair Sour	43.RD	13,578	-
George Washington University	80NSSC21M0087	Autonomous Air Traffic Mgt Adv Air Mobil	43.RD	36,358	-
Vescent Photonics, LLC	80NSSC21C0091	SBS Lasers for Quantum Timing	43.RD	9,997	-
MIT Campus	62467927-176172	Safe Aviation Autonomy	43.RD	384,935	-
MIT Campus	80NSSC23K0211	Extremely Low-Noise, High Frame-Rate X-R	43.RD	441,196	-
MIT Campus	80NSSC22K0788	Curved Detectors for Future X-Ray Astrop	43.RD	284,052	-
TruWeather Solutions	80NSSC22PB235	Multipurpose Doppler Lidar Measurements	43.RD	240,813	-
AdvR Inc.	80NSSC23P307	High-Rep Sources for Entanglement	43.RD	19,951	-
Physical Sciences, Inc.	80NSSC23CA138	Customized Fiber for DSOC	43.RD	77,536	-
Goeppert, LLC	80NSSC24CA003	Study of In-Space Fabrication of 2D Semi	43.RD	2,897	-
Jet Propulsion Laboratory	80NM0018D0004	JPL DEEP SPACE OPTICAL COMMUNICATIONS 3	43.RD	178,873	-
MIT Campus	80NSSC24K1236	GO-LoW	43.RD	23,286	-
Avisure International Inc.	80NSSC24PB273	Bird Strike Mitigation in AAM	43.RD	19,133	-
AdvR Inc	80NSSC25CA041	High-Rep Sources for Entanglement	43.RD	5,735	-
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION					
National Weather Service	NA23OAR4590397	PADWOS-2	11.RD	193,717	-
NOAA - Unspecified	NA24OARX459C0009-T1-01	Evaluation of Gap-Filling Radars	11.RD	513,501	-
NATIONAL SCIENCE FOUNDATION					
University of Illinois Urbana-Champagne	FAIN 2016244	Quantum Leap Challenge Institute	47.070	36,780	-
MIT Campus	AST-1836002	LLAMAS Optical System Integration	47.070	16,065	-
The Regents of the University of Colorado	OMA 2016244	Quantum Leap Challenge Institute	47.070	276,925	-
Sangtera, Inc.	2335170	Fast Microactuator Stage Technology	47.070	124,885	-
University of California Los Angeles	NSF 2410687	Quantum Sensing and Imaging Lab	47.084	78,487	-
APPALACHIAN REGIONAL DEVELOPMENT					
Tennessee Technological University	MU-21579-23	Multi-State Smart Grid Deployment	23.RD	240,483	-
		Total Non Department of Defense		**$ 4,611,146**	**$ -**
Total Passthrough Awards				**$ 11,394,726**	**$ -**
Total Federal Awards				**$ 1,483,928,842**	**$ 91,121,724**

Appendix A3
Massachusetts Institute of Technology
Federal Research Support - Passthrough - On Campus
FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE					
Boise State University					
DEPARTMENT OF DEFENSE	10287-PO140635	Extending Electron Emission Physics in Crossed Field Devices	12.800	3,423	-
		Total for Boise State University		**3,423**	**-**
Carnegie-Mellon University					
DEPARTMENT OF DEFENSE	1150205-477380	Synthetic biological systems made using structural PNA nanotechnology	12.800	207,256	-
DEPARTMENT OF DEFENSE	1190068-455963	RECTIFY: Rechargeability Enabled by Coated inTerfaces and dIFferentable phYsical modeling	12.910	-4,851	-
DEPARTMENT OF DEFENSE	1141386 - 494332	Overcoming Unexpected Failures using Neurocognitive Multi-abstraction Active Exploration	12.300	28,927	-
		Total for Carnegie-Mellon University		**231,332**	**-**
Purdue University					
DEPARTMENT OF DEFENSE	13001075-011	Topological plasma structures for control of electromagnetic interactions	12.800	5,577	-
DEPARTMENT OF DEFENSE	13001259-043	EMBR: A Collaborative Center for Energetic Materials Basic Research	12.431	234,646	-
DEPARTMENT OF DEFENSE	13001259-054	EMBR: A Collaborative Center for Energetic Materials Basic Research	12.431	12,454	-
		Total for Purdue University		**252,677**	**-**
University of Maryland					
DEPARTMENT OF DEFENSE	131730-Z8615202	Design and control of atomic defects in group II-oxide materials	12.800	239,027	-
DEPARTMENT OF DEFENSE	144117-Z8681202	Piezoelectric Materials Interfaced with Semiconductors for Integrated Quantum Systems	12.800	88,076	-
		Total for University of Maryland		**327,103**	**-**
Bluehalo					
DEPARTMENT OF DEFENSE	16383	Space Logistics Assembly Disassembly Experiment with Swarms (SLADES)	12.RD	157,015	-
		Total for Bluehalo		**157,015**	**-**
Columbia University					
DEPARTMENT OF DEFENSE	2(GG016303)/PO SAPOG15323	COVID-19: Ensembles of Molecules in Controlled Quantum States for Quantum Simulations, Ultracold Reactions, and Precision Metrology	12.800	318,440	-
DEPARTMENT OF DEFENSE	1(GG018601-04)	IMPEDE: Inhibiting Molds with Probiotic Ensembles from Diverse Environments	12.910	101,984	-
DEPARTMENT OF DEFENSE	4(GG019992-02)	BIOSYNC: Bioelectronics for the Delivery of Synthetic Therapeutics with Wireless Control	81.RD	187,865	-

Appendix A3
Massachusetts Institute of Technology
Federal Research Support - Passthrough - On Campus
FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE	SUB# 5(GG015670) / PO# G16919	TRAUMAS: Treatment and recovery augmented with electrical and ultrasound- mediated actuation and sensing	12.910	81,765	-
DEPARTMENT OF DEFENSE	2(GG021026-01)	Algorithms, Learning, and Game Theory: The Foundations of Multi-Agent Systems	12.300	88,448	-
		Total for Columbia University		**778,502**	**-**
Stanford University					
DEPARTMENT OF DEFENSE	62455258-159327	ANSRE: Analysis and Synthesis of Rare Events	12.800	140,803	-
DEPARTMENT OF DEFENSE	61957754-136921	AI Nets: Predicting Action and Inferring Intentions of Groups of Targets with a Network of Surveillance Robots	12.300	41,135	-
DEPARTMENT OF DEFENSE	63261384-286440	Safe and Explainable Autonomous Networks of Distributed Learning Agents	12.300	362,398	-
		Total for Stanford University		**544,336**	**-**
Lincoln Laboratory					
DEPARTMENT OF DEFENSE	7000597266	Simulating Spacecraft Attitude Dynamics During In-Space Assembly, Manufacturing and Deployment	12.RD	50,653	-
DEPARTMENT OF DEFENSE	7000597323	Tunable Knitted Tissue Scaffolds	12.RD	32,757	-
DEPARTMENT OF DEFENSE	7000614913	Taxiway Conformance Monitoring Using Spoken Word	12.RD	16,599	-
DEPARTMENT OF DEFENSE	7000636137	Fundamental Technologies for Extreme Environment Electronics	12.RD	33,921	-
DEPARTMENT OF DEFENSE	7000636638	Portable Interferometric Coherent Raman Detector (PICRD) Program	12.RD	39,370	-
DEPARTMENT OF DEFENSE	7000646203	Meta-Risley Scanners	12.RD	9,413	-
DEPARTMENT OF DEFENSE	PO # 7000632999	Self-aware antenna metrology	12.RD	73,728	-
DEPARTMENT OF DEFENSE	PO #7000582877	Traction Drive Design Considerations for Large Ships	12.RD	136,031	-
DEPARTMENT OF DEFENSE	PO #7000588541	Electrification Study Lincoln Labs	12.RD	31,865	-
DEPARTMENT OF DEFENSE	PO #7000603392	Miniaturized Coherent Raman Spectrometer.	12.RD	64,599	-
DEPARTMENT OF DEFENSE	PO #7000604683	Acoustic Expander for Cryogenic Refrigeration	12.RD	122,757	-
DEPARTMENT OF DEFENSE	PO #7000607038	Rapid Biosynthesis	12.RD	122,314	-
DEPARTMENT OF DEFENSE	PO #7000607119	Self-Aligning Flight Optical System (SAFOS) Technology Initiative Campus collaboration	12.RD	30,680	-
DEPARTMENT OF DEFENSE	PO #7000622920	SuperHypersonics LL	12.RD	267,744	-
DEPARTMENT OF DEFENSE	PO #7000635570	Integrated-Photonics-Based Devices and Systems for Advanced Cooling and State Preparation of Trapped Ions	12.RD	41,725	-
DEPARTMENT OF DEFENSE	PO #7000638456	Acoustic Expander for Cryogenic Refrigeration	12.RD	15,747	-
DEPARTMENT OF DEFENSE	PO #7000643532	Developing Biosynthetic Pathways	12.RD	83,674	-
DEPARTMENT OF DEFENSE	PO #7000645231	Harnessing Visual Stimuli for Cognitive and Neural Enhancement	12.RD	132,650	-

Appendix A3
Massachusetts Institute of Technology
Federal Research Support - Passthrough - On Campus
FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE	PO #7000646730	Design and Development of PIC-based devices for the visible to near-IR photonics platform	12.RD	81,780	-
DEPARTMENT OF DEFENSE	PO #7000647148	Fabric-Enabled Atmospheric Termination and Hypersonic Re-Entry (FEATHR)	12.RD	2,951	-
DEPARTMENT OF DEFENSE	PO 7000550459	Autonomous Systems Line Robot Training from Demonstration	12.RD	-8,324	-
DEPARTMENT OF DEFENSE	PO 7000558287	MIT Haystack Observatory Engineering Support for The Lincoln Space Surveillance Complex (LSSC)	12.RD	3,235,283	-
DEPARTMENT OF DEFENSE	PO 7000558703	Compact Second Harmonic Generation for Atomic Clocks and Sensors	12.RD	-220	-
DEPARTMENT OF DEFENSE	PO 7000570786	Exergy Control for Supplying Mission-critical Loads	12.RD	-8	-
DEPARTMENT OF DEFENSE	PO 7000589362	Machine Learning-Enabled Materials Engineering (MEME)	12.RD	2,078	-
DEPARTMENT OF DEFENSE	PO 7000592866	Space-WATCH Marketplace Architecture Design	12.RD	56,942	-
DEPARTMENT OF DEFENSE	PO 7000594535	New Data-Driven Signal Processing Methods for Satcom Systems and Networks	12.RD	23,233	-
DEPARTMENT OF DEFENSE	PO 7000619718	Safety in Aerobatic Flight Regimes (SAFR)	12.RD	89,950	-
DEPARTMENT OF DEFENSE	PO 7000622913	Space-WATCH Marketplace Architecture Design	12.RD	361,651	-
DEPARTMENT OF DEFENSE	PO 7000623466	Longwave Infrared-Enhanced Electron Emission from Nanoantennas (L-IREEN)	12.RD	122,589	-
DEPARTMENT OF DEFENSE	PO 7000633142	Integrated therapeutic delivery for tunable knitted tissue scaffolds	12.RD	46,700	-
DEPARTMENT OF DEFENSE	PO 7000637556	New Algorithms Engagement Planning for Counter Unmanned Aircraft Systems (UAS)	12.RD	77,028	-
DEPARTMENT OF DEFENSE	PO 7000637612	Miniaturized Coherent Raman Spectrometer	12.RD	41,488	-
DEPARTMENT OF DEFENSE	PO 7100386377 / 7000386377	Time-Resolved Observations of Precipitation structure and storm Intensity with a Constellation of Smallsats (TROPICS)	12.RD	2,314	-
DEPARTMENT OF DEFENSE	PO 7100545061	Line-funded SNSPD-array Program	12.RD	46,948	-
DEPARTMENT OF DEFENSE	PO# 7100502464	Long Range Transmissive X-ray Study	12.RD	9,666	-
DEPARTMENT OF DEFENSE	PO# 7000527979	SBS Lasers for Quantum Timing	12.RD	25,867	-
DEPARTMENT OF DEFENSE	PO# 7000530004	Demonstrating Performance of 3D-Integrated Qubit Arrays and Protected Qubits	12.RD	41,207	-
DEPARTMENT OF DEFENSE	PO# 7000531792	Dual-Purpose Gasphilic Surfaces for Enhanced Microchannel Flow Boiling and Drag Reduction	12.RD	-1,989	-
DEPARTMENT OF DEFENSE	PO# 7000563119	MANATEE -Multi-Agent Naval Autonomy Tactical Eval- uation Environment	12.RD	15,569	-
DEPARTMENT OF DEFENSE	PO# 7000564817	Aircraft Routing for Reduced Climate Impact (ARRCI)	12.RD	26,954	-
DEPARTMENT OF DEFENSE	PO# 7000564981	Optimal Diver AUV Teaming for Sticky Missions	12.RD	119,053	-
DEPARTMENT OF DEFENSE	PO# 7000567147	Autonomy Al fresco	12.RD	35,802	-
DEPARTMENT OF DEFENSE	PO# 7000569054	High-throughput electron microscopy for materials reactions	12.RD	139,071	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE	PO# 7000570582	MAESTRO / COBALT	12.RD	50,638	-
DEPARTMENT OF DEFENSE	PO# 7000571412	Epitaxial Cubic BN/Diamond Heterostructures for High-Power RF Electronics	12.RD	63,539	-
DEPARTMENT OF DEFENSE	PO# 7000578192	Widely-Tunable and Low-Loss Surface Acoustic Wave Radiofrequency Filters	12.RD	-14,615	-
DEPARTMENT OF DEFENSE	PO# 7000580647	Pulse-Modulation Techniques for Fast Quantum Logic Using Trapped Ions	12.RD	9,115	-
DEPARTMENT OF DEFENSE	PO# 7000583375	OBSIDIAN:Optimized Brillouin-Stabilized	12.RD	91,958	-
DEPARTMENT OF DEFENSE	PO# 7000585267	Development of Coupled Thermomechanics Models of Material Ablation and Spallation in Hypersonic Environments	12.RD	-10,860	-
DEPARTMENT OF DEFENSE	PO# 7000587144	Explaining why a treatment effect can vary across populations: Understanding generalization via the transport problem	12.RD	162,123	-
DEPARTMENT OF DEFENSE	PO# 7000588173	Sensor Fusion for Autonomous Systems	12.RD	173,876	-
DEPARTMENT OF DEFENSE	PO# 7000589385	Deep learning tools for strain engineering	12.RD	-324	-
DEPARTMENT OF DEFENSE	PO# 7000594760	Transforming industrial solvent waste management by separation and recovery of water-solvent mixtures using nanoporous atomically thin membranes	12.RD	-1,436	-
DEPARTMENT OF DEFENSE	PO# 7000601079	Delay Line Memories	12.RD	126,783	-
DEPARTMENT OF DEFENSE	PO# 7000602819	SensorGPT – Optical Design	12.RD	79,485	-
DEPARTMENT OF DEFENSE	PO# 7000616010	Event Camera Robotic Perception	12.RD	141,118	-
DEPARTMENT OF DEFENSE	PO# 7000627263	Development of Coupled Thermomechanics Models of Material Ablation and Spallation in Hypersonic Environments	12.RD	100,215	-
DEPARTMENT OF DEFENSE	PO# 7000633648	Virtual Reality Platform for Brain Injury Assessment	12.RD	89,670	-
DEPARTMENT OF DEFENSE	PO# 7000633877	Continual Learning Algorithms Resources and Computing (CLARC)	12.RD	1,088	-
DEPARTMENT OF DEFENSE	PO# 7000634247	ASCEND: Automated Strategic Compliance and Engineering for Needs-driven Design	12.RD	53,808	-
DEPARTMENT OF DEFENSE	PO# 7000634391	Efficient and Explainable AI Models for RF Communication and Sensing	12.RD	68,023	-
DEPARTMENT OF DEFENSE	PO# 7000635880	Towards Nonvolatile Superconducting Memory	12.RD	140,023	-
DEPARTMENT OF DEFENSE	PO# 7000636976	Safe and Adaptive Swarm Coordination Program	12.RD	45,831	-
DEPARTMENT OF DEFENSE	PO# 7000637362	Scalable Capacity of Aviation Resource Forecast (SCARF)	12.RD	43,807	-
DEPARTMENT OF DEFENSE	PO# 7000638660	Building Investment Roadmap for Energy and Climate Resilience	12.RD	75,379	-
DEPARTMENT OF DEFENSE	PO# 7000639900	ELQ Subcontract	12.RD	167,848	-
DEPARTMENT OF DEFENSE	PO# 7000641131	Benchmarking a Logical Qubit	12.RD	52,453	-
DEPARTMENT OF DEFENSE	PO# 7000641473	Multi-Platform Influence and Narrative Tracking (MINT)	12.RD	77,993	-
DEPARTMENT OF DEFENSE	PO# 7000644334	Fast switching, energy efficient memory devices based on sliding ferroelectricity	12.RD	76,872	-
DEPARTMENT OF DEFENSE	PO# 7000645180	High-density Microfabricated Ion Electrospray Thrusters	12.RD	31,253	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE	PO# 7000652494	AntiCoder	12.RD	7,044	-
DEPARTMENT OF DEFENSE	PO# 7100531720	Influence Quantification (IQ)	12.RD	31,984	-
DEPARTMENT OF DEFENSE	PO# 7100532906	Sampling the thermodynamic of materials interfaces with machine learning	12.RD	137,378	-
DEPARTMENT OF DEFENSE	PO#7000559666	Synthetic electricity and gas load profiles for buildings	12.RD	31,036	-
		Total for Lincoln Laboratory		**8,002,915**	**-**
University of California/Davis					
DEPARTMENT OF DEFENSE	A22-2094-S003	ExPlor -Center of Excellence on Brain-Derived Neuromorphic Computing with Intelligent Photonic and Electronic Materials	12.800	123,721	-
		Total for University of California/Davis		**123,721**	**-**
Emory University					
DEPARTMENT OF DEFENSE	A755302 (FORMERLY A007735)	MURI: Molecular Level Studies of Solid-Liquid Interfaces in Electrochemical Processes	12.800	357,090	-
		Total for Emory University		**357,090**	**-**
Autonomous Cyber LLC					
DEPARTMENT OF DEFENSE	AGMT DATED 3/14/2024	AI-Driven Cyber Operations: Automated Vulnerability Discovery and Weaponization	12.RD	380,238	-
DEPARTMENT OF DEFENSE	AGMT. DTD. 07/01/2023	Human-AI Teams for Cyber Operations	12.RD	-363	-
		Total for Autonomous Cyber LLC		**379,875**	**-**
Mesodyne					
DEPARTMENT OF DEFENSE	AGMT DTD 3/31/2022	Design and Optimization of a JP-8 injector for meso-combustors	12.RD	7,117	-
		Total for Mesodyne		**7,117**	**-**
Camo Platforms, Inc.					
DEPARTMENT OF DEFENSE	AGMT DTD 5/5/23	AI-enabled health and wellness platform for Air Force	12.RD	-361	-
		Total for Camo Platforms, Inc.		**-361**	**-**
Metis Design Corporation					
DEPARTMENT OF DEFENSE	AGMT DTD. 2/13/23	AFWERX Direct to Phase II proposal: Low-Cost Manufacturing of Autoclave-Grade Composite Structures Outside of an Oven	12.RD	5,670	-
DEPARTMENT OF DEFENSE	AGMT DTD. 5/23/2024	AFX24D-PTCSO2: Lightweight Conformal Radiation Protection	12.RD	34,843	-
DEPARTMENT OF DEFENSE	AGMT DTD 1/23/2020	Scalable Manufacturing of Composite Components using Nanostructured Heaters - STTR Phase 2	12.RD	-2,030	-

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DEPARTMENT OF DEFENSE	STTR AGRMNT DTD. 5/29/2020	N19A-T003: Phase 2 - Interlaminar Reinforcement of Composite Rotorcraft Components via Tailored Nanomorphologies of Aligned Carbon Nanotubes	12.RD	2,471	-
		Total for Metis Design Corporation		**40,954**	**-**
Research Foundation of SUNY Polytechnic Institute					
DEPARTMENT OF DEFENSE	AGREEMENT DATED 1-1-2021	AIM Phase II	12.800	632,948	8,000
		Total for Research Foundation of SUNY Polytechnic Institute		**632,948**	**8,000**
Cosmic Shielding Corporation					
DEPARTMENT OF DEFENSE	AGREEMENT DTD 08/05/2024	Enabling in-orbit AI by MSP/Plasteel conformal/spot shielding of COTS based electronics to support ISR sensor data processing applications	12.RD	364,117	-
		Total for Cosmic Shielding Corporation		**364,117**	**-**
Federal Foundry					
DEPARTMENT OF DEFENSE	AGRMT DTD 08/05/2022	Profit Analysis Aligned to Performer Go/No-Go Decision Criteria	12.RD	515	-
		Total for Federal Foundry		**515**	**-**
Aurora Flight Sciences Corporation					
DEPARTMENT OF DEFENSE	AMA-25-0001	Support for AFRL Development and Testing of Physics-Based Low-Order Active Flow Control Models	12.RD	40,477	-
DEPARTMENT OF DEFENSE	AMA-23-0003	Fast Adaptation & Learning for Control ONline (FALCON)	12.RD	116,478	-
DEPARTMENT OF DEFENSE	AMA-23-0004	Fast Adaptation & Learning for Control ONline (FALCON): 0001	12.RD	194,432	-
		Total for Aurora Flight Sciences Corporation		**351,387**	**-**
University of Chicago					
DEPARTMENT OF DEFENSE	AWD103286 (SUB00000755)	Design and Optimization of Synthesizable Materials with Targeted Quantum Characteristics	12.800	186,783	-
DEPARTMENT OF DEFENSE	AWD105582 (SUB00001294)	Scalable First-Order Methods for Large-Scale Optimization: Theory and Computation	12.800	61,129	-
		Total for University of Chicago		**247,912**	**-**
DCS Corporation					
DEPARTMENT OF DEFENSE	FPH21-S017 / PO# 250690	ATDT - Task Order 001: Control Automation Research	12.RD	113,213	-
		Total for DCS Corporation		**113,213**	**-**
The University of Central Florida Board of Trustees					

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE	GR108261	Towards a Programmable Plasmonic Information Processor based on Graphene, 2D Materials, and Rare-Earth Atoms	12.800	153,659	-
		Total for The University of Central Florida Board of Trustees		**153,659**	**-**
University of California-Santa Barbara					
DEPARTMENT OF DEFENSE	KK2014	Quantum Codes, Tensor Networks, and Quantum Spacetime	12.800	12,910	-
DEPARTMENT OF DEFENSE	KK1713	Neural foundations of expertise based on optimal decision-making, physical control and responses to stress	12.431	-10,589	-
DEPARTMENT OF DEFENSE	SUBAWARD KK1957-29	Fundamental Biological Factors Underlying Human Performance	12.RD	224,667	-
DEPARTMENT OF DEFENSE	SUBAWARD NO. KK1955	ICB UARC projects - Research Projects	12.431	974,056	-
DEPARTMENT OF DEFENSE	SUBAWARD NO. KK1957-18	Fundamental Biological Factors Underlying Human Performance	12.RD	-10,978	-
DEPARTMENT OF DEFENSE	KK2520	Squeezed Integrated Resonator Extraction System (SQUIRES)	12.910	405,443	-
DEPARTMENT OF DEFENSE	KK2539	NEURAL-SYNC: From Synchronized Oscillations to Neural Computing, Communication, and Adaptation	12.431	88,997	-
		Total for University of California-Santa Barbara		**1,684,506**	**-**
Raytheon Technologies Corporation					
DEPARTMENT OF DEFENSE	PO 2609839	Scalable Predictions and Analytics of Rare events in Titanium Alloys (SPARTA)	12.RD	117,053	-
		Total for Raytheon Technologies Corporation		**117,053**	**-**
GE Global Research					
DEPARTMENT OF DEFENSE	PO 401134429	Measuring Biological aptitude	12.RD	7,754	-
DEPARTMENT OF DEFENSE	PO 401170010	Human-inspired IDentity Extraction (HIDE) [IARPA BRIAR]	12.RD	-30,091	-
		Total for GE Global Research		**-22,337**	**-**
State University of New York					
DEPARTMENT OF DEFENSE	R1302889	Space Object Understanding and Reconnaissance of Complex Events (SOURCE)	12.800	127,252	-
		Total for State University of New York		**127,252**	**-**
UES, Inc.					
DEPARTMENT OF DEFENSE	S-210-21P-001	Polymers and Responsive Materials Research, Development, and Exploration	12.RD	66,689	-
		Total for UES, Inc.		**66,689**	**-**
Applied Research Associates, Inc.					
DEPARTMENT OF DEFENSE	S-D00243-05-IDIQ-MIT	Machine Intelligence Solutions for Nuclear Explosion Monitoring (MINEM)	12.RD	1,378	-

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		Total for Applied Research Associates, Inc.		**1,378**	**-**
Johns Hopkins University					
DEPARTMENT OF DEFENSE	SUB #2005171653, AGMT DTD 9/1/21	The Science of Learning from Observations: Leveraging Scientific Computation with Intrinsic Machine Learning Models and Lifelong Learning	12.800	13,989	-
		Total for Johns Hopkins University		**13,989**	**-**
Azimuth Corporation					
DEPARTMENT OF DEFENSE	SUBCONTRACT AGREEMENT # 303-001-MIT	Reducing ISR Sensor Acquisition and Sustainment Costs through Improved Metalens Design and Manufacturability	12.RD	79,154	-
		Total for Azimuth Corporation		**79,154**	**-**
Radiation Monitoring Devices					
DEPARTMENT OF DEFENSE	SUBCONTRACT C24-14	Tunable and Reconfigurable Metasurfaces enabled by Atomic Layer Deposition of Phase Change Materials	12.RD	112,109	-
DEPARTMENT OF DEFENSE	C24-20	Chalcogenide-based Mid-Infrared High-Efficiency Broadband Diffraction Gratings	12.RD	259,971	-
		Total for Radiation Monitoring Devices		**372,080**	**-**
Triton Systems					
DEPARTMENT OF DEFENSE	TRITON JOB # 5205	Flat Optic Micro Lenslet Array	12.RD	48,437	-
DEPARTMENT OF DEFENSE	TRITON JOB # 5172	Autonomous Systems at Scale	12.RD	66,324	-
DEPARTMENT OF DEFENSE	AGMT DTD 1/19/24	Automated Anchoring System	12.RD	6,280	-
DEPARTMENT OF DEFENSE	AGMT DTD 5/9/24	Low-Cost Deep-water Delivery Vehicle	12.RD	146,473	-
		Total for Triton Systems		**267,514**	**-**
University of Washington					
DEPARTMENT OF DEFENSE	UWSC11381 BPO42935	Neural-inspired sparse sensing and control for agile flight	12.800	141,656	-
DEPARTMENT OF DEFENSE	UWSC11420	2D MAGIC: New Science from Two-Dimensional MAGnetIC Heterostructures	12.800	-36,462	-
DEPARTMENT OF DEFENSE	UWSC13445	Scalable Hybrid-optics Integrated Night-vision Eyeglass (SHINE)	12.RD	402,376	-
		Total for University of Washington		**507,570**	**-**
Beth Israel Deaconess Medical Center					
DEPARTMENT OF DEFENSE	01029123	DAMP-Mediated Innate Immune Failure and Pneumonia after Trauma	12.420	38,512	-
		Total for Beth Israel Deaconess Medical Center		**38,512**	**-**

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Oregon Health and Science University					
DEPARTMENT OF DEFENSE	1025104_MIT	Impact of recent childbirth on breast cancer prognosis and tumor molecular phenotypes among young Black and White women	12.420	18,537	-
		Total for Oregon Health and Science University		**18,537**	**-**
Tufts University					
DEPARTMENT OF DEFENSE	104564-00001/PO EP0221331	Functional Protein□Metal Composites via Modeling and Selection	12.431	33,745	-
		Total for Tufts University		**33,745**	**-**
Brigham & Women's Hospital					
DEPARTMENT OF DEFENSE	122096	A Novel Approach to Lower Extremity Residual Limb Revision to Augment Volitional Motor Control, Restore Proprioception and Reverse Limb Atrophy	12.420	195,185	-
DEPARTMENT OF DEFENSE	SUBAWARD 119948	A Novel Approach to Upper Extremity Amputation to Augment Volitional Motor Control and Restore Proprioception	12.420	52,943	-
		Total for Brigham & Women's Hospital		**248,128**	**-**
Harvard University					
DEPARTMENT OF DEFENSE	134371-5113608	Quantum optimization with programmable simulators based on atom arrays	12.431	193,679	-
DEPARTMENT OF DEFENSE	134396-5117987	Multi-Functional Devices in Precisely Engineering van der Waals Homojunctions	12.431	247,705	-
DEPARTMENT OF DEFENSE	134430-5127403	Entangled Neutral Atoms for Logical Quantum Teleportation (ENAQT)	12.431	392,098	-
DEPARTMENT OF DEFENSE	168071-5129094	Biostasis Anesthetics	12.910	697,464	-
DEPARTMENT OF DEFENSE	130417-5114573	Next-Generation Materials for Oxygen Generation, Transport, and Storage in the Undersea Environment	12.300	88,529	-
		Total for Harvard University		**1,619,475**	**-**
Duke University					
DEPARTMENT OF DEFENSE	313-0837	Quantum control based on real-time environment analysis by spectator qubits	12.431	218,896	-
		Total for Duke University		**218,896**	**-**
University of Pennsylvania					
DEPARTMENT OF DEFENSE	572622	ARCHES: Autonomous Resilient Cognitive Heterogeneous Swarms	12.630	1,029	-
DEPARTMENT OF DEFENSE	586938	ARCHES: Autonomous Resilient Cognitive Heterogeneous Swarms Y6	12.630	940,236	-
DEPARTMENT OF DEFENSE	584551	Low Cost Autonomous Navigation & Semantic Mapping in the Littorals	12.630	230,599	-

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DEPARTMENT OF DEFENSE	PO 4928948, 4673492, 574340	Blueprint for design and assembly of multifunctional, adaptive materials using the nanocrystal periodic table	12.300	-197	-
DEPARTMENT OF DEFENSE	SUBAWARD NO. 585666	Uncertainty-based Active Self-Learning for Perception	12.300	13,228	-
		Total for University of Pennsylvania		**1,184,895**	**-**
Northwestern University					
DEPARTMENT OF DEFENSE	60063525 MIT	The Army Synthetic Biology Center for Predictive Materials Design (PreMaDe)	12.431	-22,962	-
		Total for Northwestern University		**-22,962**	**-**
Akita Innovations, LLC					
DEPARTMENT OF DEFENSE	AGREEMENT DTD 04/01/2025	Cost Effective Synthesis and Processing of Novel Porous Organic Polymers for Protective Applications	12.RD	31,089	-
		Total for Akita Innovations, LLC		**31,089**	**-**
Georgia Institute of Technology					
DEPARTMENT OF DEFENSE	AWD-000084-G3	Formal Foundations of Algorithmic Matter and Emergent Computation	12.431	219,678	-
DEPARTMENT OF DEFENSE	AWD-005072-G1	Understanding and Building Overall Cognitive Capability through Attention Control	12.300	308,445	-
DEPARTMENT OF DEFENSE	RK015-G3/AWD-102036-G3/PO-5011372	Leveraging a New Theoretical Paradigm to Enhance Interfacial Thermal Transport in Wide Bandgap Power Electronics	12.300	7,387	-
		Total for Georgia Institute of Technology		**535,510**	**-**
Texas A & M					
DEPARTMENT OF DEFENSE	M2101903	Extreme Mechanics of Bio-inspired Mixed-Dimensional Carbon Nanostructures with Thermally Robust Interfacial Bonds	12.431	43,654	-
		Total for Texas A & M		**43,654**	**-**
University of Michigan					
DEPARTMENT OF DEFENSE	PO3005498246/SUBK00010160	Near-Field Radiative Heat Transfer and Energy Conversion in Nanogaps of Nano- and Meta-Structured Materials	12.431	50,868	-
DEPARTMENT OF DEFENSE	SUBK00020420 / PO# 3007917911	Programming Indigenous Gut Bacteria to Prevent Colorectal Cancer Induced by Microbial Carcinogen	12.420	69,101	-
DEPARTMENT OF DEFENSE	3004811123	Applications Driving Architectures (ADA) Center	12.RD	-10,450	-
DEPARTMENT OF DEFENSE	SUB# SUBK00020518 / PO# 3008135063	RECTIFY: Rechargeability Enabled by Coated inTerfaces and dIFferentable phYsical modeling	12.910	166,692	-
DEPARTMENT OF DEFENSE	SUBK00020903	Passive surface drag reduction with closed loop texture design	12.RD	100,479	-
DEPARTMENT OF DEFENSE	SUBK00020252	New Game Theory for New Agents: Foundations and Learning Algorithms for Decision Making Mixed-Agents	12.300	26,243	-

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		Total for University of Michigan		**402,933**	**-**
University of Arizona					
DEPARTMENT OF DEFENSE	PURCHASE ORDER NO. 641689	Generation, manipulation, control, and applications of entanglement in a large network	12.431	233,218	-
		Total for University of Arizona		**233,218**	**-**
California Institute of Technology					
DEPARTMENT OF DEFENSE	S581840	Disorder engineering: a Geometry-Enhanced Network Theory for irregular METamaterials (GENT-MET)	12.431	233,623	-
		Total for California Institute of Technology		**233,623**	**-**
CREARE, Incorporated					
DEPARTMENT OF DEFENSE	S829	Hybrid Nanofluids for Enhanced Liquid Cooling in Pumped Loops	12.RD	90,041	-
		Total for CREARE, Incorporated		**90,041**	**-**
University of Southern California					
DEPARTMENT OF DEFENSE	SCON-00002258	Anomalous Polar Textures in Quasi-1D Chalcogenides and Heterostructures	12.431	-9,507	-
DEPARTMENT OF DEFENSE	SCON-00005095	Quantum Error Correction Under Control	12.431	337,402	-
DEPARTMENT OF DEFENSE	SCON-00005421	TRACER	12.RD	371,750	-
DEPARTMENT OF DEFENSE	SCON-00005835	Tensor Optical Processors using Coherent Hyperspectral Integrated Photonics (TOPCHIP)	12.910	343,392	-
DEPARTMENT OF DEFENSE	SCON-00006926	Accelerated QUAntum Research Integration for Usable Secure networks (AQUARIUS)	12.RD	153,870	-
DEPARTMENT OF DEFENSE	107215392	Livtronics: Living Electronics for Biologically-Enhanced Sensing, Computing, and Signal Transmission	12.300	12,485	-
DEPARTMENT OF DEFENSE	125046653	Multi-modal Open World Grounded Learning and Inference (MOWGLI)	12.910	380,266	-
		Total for University of Southern California		**1,589,658**	**-**
Ohio State University					
DEPARTMENT OF DEFENSE	SPC-1000007046 / GR129057	Science and Technology of Next Generation mm-Wave and THz AlGan Transistors	12.431	472,354	-
		Total for Ohio State University		**472,354**	**-**
LongWave Photonics LLC					
DEPARTMENT OF DEFENSE	STTR AGMT UNDER W911NF21C0054	Tunable Active HEterodyne THz Imager (TAHETI)	12.RD	102	-

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		Total for LongWave Photonics LLC		**102**	**-**
University of California - Berkeley					
DEPARTMENT OF DEFENSE	SUB#00010865/PO#BB0166 2896	Collaborative Hierarchical and Agile Responsive Materials (CHARM)	12.431	89	-
DEPARTMENT OF DEFENSE	SUB 00010360 PO# BB01914015	Verifying Computations Securely and Robustly in Post-Quantum Era	12.910	73,415	-
DEPARTMENT OF DEFENSE	00010803, PO BB01666803	Compositional Scene Understanding with Self-Supervised Object-Centric Dorso-Ventral Neural Networks	12.300	508,711	-
DEPARTMENT OF DEFENSE	00010918	Frugal, Lifelong-Learning Control Systems with Execution Guarantees	12.300	102,667	-
DEPARTMENT OF DEFENSE	SUBAGREEMENT NO. 00010066/ PO BB01645201	Rational Design of Statistical Heteropolymers as Biomimetic Enzymes and Binders	12.351	-57	-
		Total for University of California - Berkeley		**684,825**	**-**
Eldgenossische Technische Hochshule Zurich (ETH Zurich)					
DEPARTMENT OF DEFENSE	W911NF2320212-MIT1	IARPA ELQ: Superconducting Circuits for Modular Creation of Surface Code Entanglement (SuperMOOSE)	12.RD	1,602,519	-
		Total for Eldgenossische Technische Hochshule Zurich (ETH Zurich)		**1,602,519**	**-**
Rice University					
DEPARTMENT OF DEFENSE	X03151586	Collaborative Hierarchical and Agile Responsive Materials (CHARM)	12.431	242,398	-
		Total for Rice University		**242,398**	**-**
Brown University					
DEPARTMENT OF DEFENSE	00002662	NeuroNSE: A Data-Informed Hybrid Framework for Simulating Bluff Body Turbulence via PINNs and Spectral Elements	12.RD	118,391	-
DEPARTMENT OF DEFENSE	00002610	REPRISM: Flexible Embodied Problem-Solving by Manipulating the Representational Prism	12.300	716,989	-
		Total for Brown University		**835,380**	**-**
Cornell University					
DEPARTMENT OF DEFENSE	145105-21913	SUPeRior Energy-efficient Materials and dEvices (SUPREME)	12.RD	716	-
DEPARTMENT OF DEFENSE	87748-11235	Modeling and Planning with Human Impressions of Robots	12.300	95,563	-
		Total for Cornell University		**96,279**	**-**
Harvard Medical School					
DEPARTMENT OF DEFENSE	152603.5129621.0013	Miniaturized Universal Platform for Preservation of Environmental Test Samples – MUPPETS	12.910	89,443	-

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DEPARTMENT OF DEFENSE	152603.5129623.0014	Miniaturized Universal Platform for Preservation of Environmental Test Samples – MUPPETS	12.RD	284,044	-
		Total for Harvard Medical School		**373,487**	**-**
Aarno Labs LLC					
DEPARTMENT OF DEFENSE	2020-MIT-AMP-01	TA2 - Multifocal Relational Analysis for Assured Micropatching (MRAM)	12.RD	9,419	-
DEPARTMENT OF DEFENSE	2024-MIT-EBOSS-01	DEfender Resilience via lnFormed Toolchains (DeRift)	12.RD	237,738	-
		Total for Aarno Labs LLC		**247,157**	**-**
Two Six Technologies					
DEPARTMENT OF DEFENSE	30046-MIT-02	Gard Transition	12.RD	27,953	-
		Total for Two Six Technologies		**27,953**	**-**
The Broad Institute, Inc.					
DEPARTMENT OF DEFENSE	5001155-5500001656	Microbial immunotherapy using chimeric small molecules	12.910	271,662	-
		Total for The Broad Institute, Inc.		**271,662**	**-**
Sri International					
DEPARTMENT OF DEFENSE	94141	Principles of Undersea Magnetohydrodynamic Pumps (PUMP)	12.RD	419,600	-
DEPARTMENT OF DEFENSE	PO81455	PRINCE: Photorealistic Rendering from Neural Columns	12.RD	170,692	-
		Total for Sri International		**590,292**	**-**
Intellectual Ventures Management, LLC					
DEPARTMENT OF DEFENSE	AGMT DTD 10/31/23	Superconducting Quantum Metamaterial Enhanced Devices (SQMED)	12.RD	221,653	-
		Total for Intellectual Ventures Management, LLC		**221,653**	**-**
Quansight LLC					
DEPARTMENT OF DEFENSE	AGMT DTD 6/11/24	Universal and High-Performance Sparsity in Python with TACO and PyData/Sparse	12.RD	332,547	-
		Total for Quansight LLC		**332,547**	**-**
Bionet Sonar, Inc.					
DEPARTMENT OF DEFENSE	AGMT EFF 2/16/24	Heterogeneous Self-Optimizing Mesh Network Demonstration	12.RD	108,006	-
DEPARTMENT OF DEFENSE	STTR AGMT. DTD. 3/10/25	High-Speed, Cross-Domain Data Transfer	12.RD	69,848	-
		Total for Bionet Sonar, Inc.		**177,854**	**-**
Dynamic Object Language Labs, Inc.					

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DEPARTMENT OF DEFENSE	AGMT. DTD 09/01/2023	Team Assistance Research Platform for Search+ Tasks	12.RD	112,604	-
DEPARTMENT OF DEFENSE	AGMT. DTD 12/21/2023	Lightweight Interaction and Storytelling Archive (LISA)	12.RD	497,110	-
		Total for Dynamic Object Language Labs, Inc.		**609,714**	**-**
Intellectual Ventures					
DEPARTMENT OF DEFENSE	AGMT. DTD. 09/19/2024	Superconducting Nanophononic Enhanced Detection	12.RD	239,441	-
		Total for Intellectual Ventures		**239,441**	**-**
Aurora Flight Sciences RDC					
DEPARTMENT OF DEFENSE	AMA-22-0002	Enabling Confidence (EC)	12.RD	-18	-
		Total for Aurora Flight Sciences RDC		**-18**	**-**
Yale University					
DEPARTMENT OF DEFENSE	CON-80004813 (GR121356)	Dynamic optical control for quantum matter	12.910	136,504	-
		Total for Yale University		**136,504**	**-**
Leidos, Inc.					
DEPARTMENT OF DEFENSE	P010334376	Long-Chain Hydrocarbon Fuels from the Thermo-Electrocatalytic Reduction of CO2 in Molten Carbonate Electrolytes	12.RD	508,199	-
DEPARTMENT OF DEFENSE	P010309621	Hypersonic PNT (H-PNT) IMU Drift Correlation	12.RD	211,595	-
		Total for Leidos, Inc.		**719,794**	**-**
Saab, Inc.					
DEPARTMENT OF DEFENSE	PO 65010	RESPECT: Responsible Ethical Standards for Pioneering Effective Combat Technologies	12.RD	515,857	-
DEPARTMENT OF DEFENSE	PO# 61020	Marine Autonomy for A-Size UUVs	12.RD	16,097	-
		Total for Saab, Inc.		**531,954**	**-**
RTX BBN Technologies, Inc.					
DEPARTMENT OF DEFENSE	PO NO. 4202934631/SLIN 0010	Quantum Augmented Secure Resilient Networking	12.RD	40,731	-
DEPARTMENT OF DEFENSE	PO# 4202290027 BBN REF# 90144	Bullet Train	12.RD	-138,426	-
		Total for RTX BBN Technologies, Inc.		**-97,695**	**-**
BBN Technologies Corporation					
DEPARTMENT OF DEFENSE	PO# 4202290027 BBN REF# 90144	Bullet Train	12.RD	283,585	-

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		Total for BBN Technologies Corporation		**283,585**	**-**
Draper Laboratory Incorporated					
DEPARTMENT OF DEFENSE	SC001-0000001514	Engineering Biology for Underwater and Ground Sensors (EBUGS)	12.RD	455,648	-
		Total for Draper Laboratory Incorporated		**455,648**	**-**
QuEra Computing Incorporated					
DEPARTMENT OF DEFENSE	STTR AGMT 09/20/2024	Center for Quantum Standards and Limits	12.RD	99,743	-
		Total for QuEra Computing Incorporated		**99,743**	**-**
Galois, Inc					
DEPARTMENT OF DEFENSE	SUBCONTRACT NO. 2024-022	Hybrid Electromagnetic side-channel and Interactive-proof Methods to Detect and Amend LogicaL Rifts (HEIMDALLR)	12.RD	218,223	-
		Total for Galois, Inc		**218,223**	**-**
Battelle Memorial Institute					
DEPARTMENT OF DEFENSE	SUBCONTRACT NO. 896693	Support to the Defense Advanced Research Projects Agency (DARPA) TELLUS Program	12.910	382,338	-
		Total for Battelle Memorial Institute		**382,338**	**-**
University of Cincinnati					
DEPARTMENT OF DEFENSE	015220-00003	Advancing Prediction Methods for Complex Curvature Nozzle Flows Relevant to Next-Generation Naval Aircraft Propulsion	12.300	129,301	-
		Total for University of Cincinnati		**129,301**	**-**
University of California - Irvine					
DEPARTMENT OF DEFENSE	2024-2257	Fundamentals of Machine Learning for Phase Change Heat Transfer	12.3	143,088	-
		Total for University of California - Irvine		**143,088**	**-**
Temple University					
DEPARTMENT OF DEFENSE	264443-MIT / PO P0583584	Elements of Causal Learning: Basic Concepts, Theory, Methods, Algorithms and Applications	12.300	143	-
		Total for Temple University		**143**	**-**
Boston University					
DEPARTMENT OF DEFENSE	4500003329	Neuro_autonomy: Neuroscience-Inspired Perception, Navigation, and Spatial Awareness for Autonomous Robots	12.300	112,404	-
		Total for Boston University		**112,404**	**-**

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Virginia Polytechnic Institute & State University					
DEPARTMENT OF DEFENSE	450677-19825	Science of Tracking, Control, and Optimization of Information Latency for Dynamic Military IoT Systems	12.300	-10,224	-
		Total for Virginia Polytechnic Institute & State University		**-10,224**	**-**
University of California-San Diego					
DEPARTMENT OF DEFENSE	706191	Resilient Multi-Agent Perception and Planning in Dynamic Domains	12.300	123,932	-
DEPARTMENT OF DEFENSE	707118	Abyssal boundary layers: high-resolution, interdisciplinary observations and theory	12.300	68,855	-
		Total for University of California-San Diego		**192,787**	**-**
Brayton Energy, LLC					
DEPARTMENT OF DEFENSE	AGMT DTD 04/03/2025	Science for engineering of smallscale turbomachines for UAV applications	12.RD	16,445	-
		Total for Brayton Energy, LLC		**16,445**	**-**
Pliant Energy Systems LLC					
DEPARTMENT OF DEFENSE	AGMT DTD 9/07/2021	Payload Autonomy and Navigation for the Pliant C-Ray Platform	12.RD	8,763	-
DEPARTMENT OF DEFENSE	AGREEMENT DTD 10/09/24	Stealthy, Autonomous, Propeller□less, Agile (SAPA) Vehicle for Mine Countermeasures	12.RD	79,569	-
		Total for Pliant Energy Systems LLC		**88,332**	**-**
Massachusetts Technology Collaborative					
DEPARTMENT OF DEFENSE	AGREEMENT AND SOW 22584	MIT.nano NEMC Hub - Tool Installation	12.RD	6,146,120	-
		Total for Massachusetts Technology Collaborative		**6,146,120**	**-**
Pendar Technologies LLC					
DEPARTMENT OF DEFENSE	AGREEMENT DATED 5/25/2021	Quantum cascade laser array with integrated wavelength beam combining (STTR Phase II)	12.RD	111,570	-
		Total for Pendar Technologies LLC		**111,570**	**-**
American Society/Engineering Education					
DEPARTMENT OF DEFENSE	LETTER DATED 8/11/99	NDSEG Fellowship Program	12.300	2,857,893	-
		Total for American Society/Engineering Education		**2,857,893**	**-**
Tecnologico de Monterrey					
DEPARTMENT OF DEFENSE	N62909-23-1-2109	Dual envelope multifunctional fabric	12.300	167,231	-

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		Total for Tecnologico de Monterrey		**167,231**	**-**
Florida State University					
DEPARTMENT OF DEFENSE	R000002829	ESRDC: Electric Ship Research and Development Consortium 2021 - 2025	12.300	634,551	-
DEPARTMENT OF DEFENSE	R000002977	Training Future Navy Workforce II Undergraduate Funding	12.300	20,018	-
		Total for Florida State University		**654,569**	**-**
Dartmouth College					
DEPARTMENT OF DEFENSE	R1387	Integrated Foundations of Sensing, Modeling, and Data Assimilation for Sea Ice Prediction	12.300	221,318	-
		Total for Dartmouth College		**221,318**	**-**
Pennsylvania State University					
DEPARTMENT OF DEFENSE	S005541-ONR	Photochemical and Photothermal Additive Manufacturing of Preceramic Polymers	12.300	193,140	-
DEPARTMENT OF DEFENSE	SA21-03	Interaction of Ionizing Radiation in Materials University Research Alliance (IIRM-URA)	12.351	662,530	-
		Total for Pennsylvania State University		**855,670**	**-**
University of California-Riverside					
DEPARTMENT OF DEFENSE	S1886	QuVET: A MURI Center for Quantum Vibronics in Energy and Time	12.431	159,544	-
		Total for University of California-Riverside		**159,544**	**-**
Applied Ocean Sciences, LLC					
DEPARTMENT OF DEFENSE	STTR AGREEMENT EFFECTIVE 7/15/2024	STTR Phase II: Physical-Biogeochemical Ocean Modeling for Active and Passive Sonar System Performance Predictions	12.RD	15,183	-
DEPARTMENT OF DEFENSE	STTR AGREEMENT DTD 09/18/2020	Local Stochastic Prediction for UUV/USV Environmental Awareness	12.RD	34,959	-
		Total for Applied Ocean Sciences, LLC		**50,142**	**-**
University of Illinois					
DEPARTMENT OF DEFENSE	SUB# 099963-17888	Robust Photonic Materials with High-Order Topological Protection	12.300	46,534	-
		Total for University of Illinois		**46,534**	**-**
HRL Laboratories, LLC					
DEPARTMENT OF DEFENSE	21004-213647-QS	MIRO	12.RD	335,191	-
		Total for HRL Laboratories, LLC		**335,191**	**-**

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NextFlex Learning Programs					
DEPARTMENT OF DEFENSE	716112	Strengthening the Defense Innovation Base's Advanced Manufacturing Workforce	12.800	510,359	-
		Total for NextFlex Learning Programs		**510,359**	**-**
Oceanit					
DEPARTMENT OF DEFENSE	AGMNT DTD 12/9/24	Neural Collapse for Responsible Artificial Intelligence in Directed Energy	12.RD	54,140	-
		Total for Oceanit		**54,140**	**-**
Research in Flight					
DEPARTMENT OF DEFENSE	AGMT DTD 08/16/2024	A Rapid Aerodynamic Prediction Tool for Maneuvering Hypersonic Air Vehicles	12.RD	91,047	-
		Total for Research in Flight		**91,047**	**-**
West Virginia University					
DEPARTMENT OF DEFENSE	PO#: MM000351862	Discovery and development of small molecule and antibody therapeutics using artificial intelligence and machine learning	12.351	-183,571	-
		Total for West Virginia University		**-183,571**	**-**
SYSTEMS & TECHNOLOGY RESEARCH LLC					
DEPARTMENT OF DEFENSE	SUBCONTRACT 2023-0023	Hidden ActivitY Signal and Trajectory Anomaly Characterization (HAYSTAC)	12.RD	88,692	-
		Total for SYSTEMS & TECHNOLOGY RESEARCH LLC		**88,692**	**-**
		TOTAL for Department of Defense		**45,377,668**	**8,000**

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DEPARTMENT OF COMMERCE					
University of California - Irvine					
DEPARTMENT OF COMMERCE	2024-2223	Three-dimensional Characteristics, Drivers, and Impacts of Marine Heatwaves in the Northwest Atlantic Ocean	11.431	12,704	-
		Total for University of California - Irvine		**12,704**	**-**
Virginia Polytechnic Institute & State University					
DEPARTMENT OF COMMERCE	451874-19825	Leaning based ORAN testing	11.038	338,143	-
		Total for Virginia Polytechnic Institute & State University		**338,143**	**-**
Northwestern University					
DEPARTMENT OF COMMERCE	60052977 MIT	CHiMaD Award-Sub from Northwestern Univeristy	11.609	50,465	-
		Total for Northwestern University		**50,465**	**-**
Woods Hole Oceanographic Institution					
DEPARTMENT OF COMMERCE	A101697 / 37002401	Inflation Reduction Act (IRA): Modeling the Impact of Offshore Wind Development on the Circulation and Biological Productivity of Nantucket Sound	11.405	56,849	-
		Total for Woods Hole Oceanographic Institution		**56,849**	**-**
Concrete Masonry Checkoff					
DEPARTMENT OF COMMERCE	AGMT DTD 01/13/2025	Impact of Concrete Masonry Units on the Resilience of the Built Environment	11.RD	12,859	-
		Total for Concrete Masonry Checkoff		**12,859**	**-**
U Delaware: National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL)					
DEPARTMENT OF COMMERCE	AGREEMENT EFFECTIVE 5/4/17	The National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL) - Memberships	11.619	34,769	-
DEPARTMENT OF COMMERCE	PC5.2-105	NIIMBL Projects	11.619	11,068	-
DEPARTMENT OF COMMERCE	PC5.2-212	NIIMBL Projects	11.619	92,983	-
DEPARTMENT OF COMMERCE	UDR0000359	Next-generation Modeling of Glycosylation in Fed-batch CHO Cell Culture and Application to Adaptive Process Control of CQAs	11.619	58,981	-
		Total for U Delaware: National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL)		**197,801**	**-**
Advanced Functional Fabrics of America (AFFOA)					
DEPARTMENT OF COMMERCE	MASTER AGREEMENT NO. 22-B-0039	RAPID ASSISSTANCE FOR CORONAVIRUS ECONOMIC RESPONSE (RACER)	11.619	186,373	-

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		Total for Advanced Functional Fabrics of America (AFFOA)		**186,373**	**-**
		TOTAL for Department of Commerce		**855,194**	**-**

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DEPARTMENT OF ENERGY					
Columbia University					
DEPARTMENT OF ENERGY	1(GG019448-01)	Towards machine-learning a fully-coupled constitutive model for thermal-hydraulic fracture in geothermal systems: phase I	81.049	19,774	-
		Total for Columbia University		**19,774**	**-**
Tufts University					
DEPARTMENT OF ENERGY	104616-00001/PO EP0224907/ENG010	Development of REBCO Cabling Technologies for SC Magnets	81.049	11,849	-
		Total for Tufts University		**11,849**	**-**
AltaRock Energy, LLC					
DEPARTMENT OF ENERGY	1051-2	Millimeter-Wave Technology Demonstration for Geothermal Direct Energy Drilling	81.135	19,702	-
		Total for AltaRock Energy, LLC		**19,702**	**-**
Carnegie-Mellon University					
DEPARTMENT OF ENERGY	1070259-433468	High-fidelity Accelerated Design of High-performance Electrochemical Systems	81.135	-64,258	-
		Total for Carnegie-Mellon University		**-64,258**	**-**
University of Illinois-Urbana Champaign					
DEPARTMENT OF ENERGY	110904-19219	EFRC for Regenerative Energy-Efficient Manufacturing of Thermoset Polymeric Materials (RE-MAT)000	81.049	539,892	-
		Total for University of Illinois-Urbana Champaign		**539,892**	**-**
Harvard University					
DEPARTMENT OF ENERGY	124369-5120804	Machine Learning for Understanding and Driving Non-Equilibrium Dynamic Catalysis	81.049	-19,645	-
DEPARTMENT OF ENERGY	131735-5126328	Cross-scale methane dynamics at terrestrial-aquatic interfaces in temperate forests	81.049	186,102	-
		Total for Harvard University		**166,457**	**-**
University of Maryland					
DEPARTMENT OF ENERGY	138273-Z7134207	Maximal Information Calorimetry	81.049	47,494	-
DEPARTMENT OF ENERGY	94434-Z7124201	Solution-verification, grid-adaptation and uncertainty quantification for chaotic turbulent flow problems	81.124	56,445	-

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		Total for University of Maryland		**103,939**	**-**
Purdue University					
DEPARTMENT OF ENERGY	14000497-047	Oxidation-Resistant, Thermomechanically-Robust Ceramic Composite Heat Exchangers	81.087	-7	-
DEPARTMENT OF ENERGY	14000887-052	A Consortium for Strategic Revitalization of Cyber-Physical Nuclear Infrastructure for Advanced Small Modular Reactors	81.121	114,950	-
		Total for Purdue University		**114,943**	**-**
Cornell University					
DEPARTMENT OF ENERGY	145228-21943	Integrated CO2 capture and conversion to building materials with inherent recovery of high value metals	81.089	138,607	-
DEPARTMENT OF ENERGY	147162-22208	Deploying Autonomous, On-Demand Energy-Efficient Mobility Solutions in Tulsa's Underserved Communities	81.086	128,148	-
		Total for Cornell University		**266,755**	**-**
University of Connecticut					
DEPARTMENT OF ENERGY	150512807, PO# 459734	AI Tools for the Characterization and Design of Achievable Hypothetical Materials	81.049	118,159	-
		Total for University of Connecticut		**118,159**	**-**
Sustainable Horizons Institute					
DEPARTMENT OF ENERGY	2024-1004	Improving Scientific Software Reliability though Continuous Learning	81.RD	29,124	-
		Total for Sustainable Horizons Institute		**29,124**	**-**
University of California - Irvine					
DEPARTMENT OF ENERGY	2024-2298	Advanced Tooling for the Manufacture of Lightweight Automotive Components	81.086	103,284	-
		Total for University of California - Irvine		**103,284**	**-**
University of Oklahoma (Norman, OK)					
DEPARTMENT OF ENERGY	2025-58	Development of Readily Manufactured and Interface Engineered Proton-Conducting Solid Oxide Electrolysis Cells with High Efficiency and Durability	81.087	41,942	-
		Total for University of Oklahoma (Norman, OK)		**41,942**	**-**
Sandia National Laboratories					
DEPARTMENT OF ENERGY	2193618 / PO 2304502	Utilization of CR39 on Z for DD Yield, Yield Anisotropies and Neuron Spectroscopy	81.RD	88,111	-

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DEPARTMENT OF ENERGY	PO 2417139	Engineering Sketch Pad (ESP) Enhancements for Sandia Applications	81.RD	43,700	24,625
DEPARTMENT OF ENERGY	PO 2558398	ExaEpi: Calibration of Next-Generation Epidemiology Models	81.RD	80,052	-
DEPARTMENT OF ENERGY	SPO 2206572 / CPA 2193618	Quantum Systems Accelerator	81.RD	221,688	-
DEPARTMENT OF ENERGY	SPO 2587464 / CPA 2193618	STEP Co-design of Offshore Wind Energy for Frontline Communities	81.RD	25,485	-
DEPARTMENT OF ENERGY	SPO 2686749 / CPA 2193618	NSR-CHIP	81.RD	45,471	-
		Total for Sandia National Laboratories		**504,507**	**24,625**
Braskem America, Inc.					
DEPARTMENT OF ENERGY	23-01-RR-6020-MIT	Dynamic Crosslinking to Produce Secondary Feedstock from Recycled EVA as a Sustainable Solution for Footwear	81.087	59,104	-
		Total for Braskem America, Inc.		**59,104**	**-**
Jefferson Science Associates, LLC					
DEPARTMENT OF ENERGY	24-D0863	Development and implementation of digital blocks in the Repeated Stitched Units (RSU) and Left End-Cap (LEC) of the Si/MAPS-ITS3 sensor	81.RD	85,494	-
DEPARTMENT OF ENERGY	JSA-24-Q429733 (PO 24-P1014)	MOLLER Reviews - Upstream Toroid Engineering and Integration	81.RD	121,774	-
DEPARTMENT OF ENERGY	JSA-24-Q431862 / 25-D0440	Determination of Absolute Cross Sections in Deeply Virtual Exclusive Reactions from CLAS12 Data	81.RD	30,418	-
DEPARTMENT OF ENERGY	JSA-24-Q432348	High-frequency test for the characterization of MOSAIX sensors for the SVT	81.RD	85,887	-
DEPARTMENT OF ENERGY	JSA-25-Q437513	eRD113 “Si-Sensor Development and Characterization”	81.RD	37,679	-
		Total for Jefferson Science Associates, LLC		**361,252**	**-**
RTX Corporation					
DEPARTMENT OF ENERGY	2610126	Electrochemically Mediated Air Separation Modules (EM-ASM)	81.089	97,840	-
		Total for RTX Corporation		**97,840**	**-**
North Carolina Agriculture & Technology State University					
DEPARTMENT OF ENERGY	270197C	Center for Electrochemical Dynamics And Reactions on Surfaces	81.049	105,002	-
		Total for North Carolina Agriculture & Technology State University		**105,002**	**-**
Battelle Energy Alliance, LLC					
DEPARTMENT OF ENERGY	289605	MIT Irradiations and PIE	81.RD	374,167	40,638

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DEPARTMENT OF ENERGY	RELEASE 1/BMC 288889	Collaboration on Techno-Economic Analysis of the Role of Nuclear Generation in the Energy Market Transition and New Market Opportunities	81.RD	18,344	-
DEPARTMENT OF ENERGY	RELEASE 27 /BMC 0112583	NASA Fuel and Material Irradiation	81.RD	287,536	34
DEPARTMENT OF ENERGY	RELEASE 4/BMC 288889	Correlated Quantum Materials	81.RD	19,912	-
DEPARTMENT OF ENERGY	RELEASE 5/BMC 288889 / SOW 21969	Collaboration on Techno-Economic Analysis of the Role of Nuclear Generation in the Energy Market Transition and New Market Opportunities	81.RD	9,457	-
DEPARTMENT OF ENERGY	RELEASE 6/BMC 288889	INFLUX Reactor Design Optimization and Options Study	81.RD	47,114	-
DEPARTMENT OF ENERGY	RELEASE 7/BMC 288889	Nuclear Reactor Cost Estimation Modeling	81.RD	21,199	-
DEPARTMENT OF ENERGY	RELEASE 8 / CONTRACT# 288889	Nuclear Energy value Beyond Economics	81.RD	74,744	-
		Total for Battelle Energy Alliance, LLC		**852,473**	**40,672**
UChicago Argonne, LLC					
DEPARTMENT OF ENERGY	2F-60027	Q-NEXT	81.RD	182,534	-
DEPARTMENT OF ENERGY	2F-60215	Advanced Characterization of Lithium/Electrolyte Interface	81.RD	171,414	-
DEPARTMENT OF ENERGY	3F-60023	SciDAC-5 NUCLEI	81.RD	15,163	-
DEPARTMENT OF ENERGY	4J-60001-0001A	Preliminary Safety Analysis Report Review, Startup Testing, and LEU Fuel Conversion Support	81.RD	597,234	-
DEPARTMENT OF ENERGY	5F-60020	CsPbBr3 Detector Material – Tailoring Impact of Defects on Cell Stability	81.RD	21,146	-
DEPARTMENT OF ENERGY	8F-30212	Joint Center for Energy Storage Research (JCESR) Renewal Year 1	81.RD	-1,506	-
DEPARTMENT OF ENERGY	DE-AR0001578	Non-neutron Transmutation of Used Nuclear Fuel	81.135	473,240	211,713
DEPARTMENT OF ENERGY	NO. 5F-60013	Energy Storage Research Alliance (ESRA)	81.RD	890,888	-
		Total for UChicago Argonne, LLC		**2,350,113**	**211,713**
University of Wisconsin					
DEPARTMENT OF ENERGY	3553	Reduced-Activation High-Entropy Alloys as Cost- Effective Plasma Facing Components for Fusion Power Generation	81.135	140,986	-
		Total for University of Wisconsin		**140,986**	**-**
Brookhaven National Laboratory					
DEPARTMENT OF ENERGY	368338	R&D on the sPHENIX MAPS Vertex Detector upgrade	81.RD	-572	-
DEPARTMENT OF ENERGY	441429	eRD104 Silicon Service Reduction	81.RD	10,640	-
DEPARTMENT OF ENERGY	442949	eRD113 Si-Sensor Development and Characterization	81.RD	98,512	-
DEPARTMENT OF ENERGY	449363	Support of MIT Graduate Student to Work on Polarized He-3 Ion Source Development	81.RD	93,271	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF ENERGY	460913	Using the Cryogenic Polarized 3He Atomic Beam Source for 3He Polarimetry at the EIC	81.RD	23,264	-
DEPARTMENT OF ENERGY	NO. 435828	Polarized He-3 Ions from the Electron Beam Ionization Source	81.RD	101,885	-
DEPARTMENT OF ENERGY	SUBK# 390034	Co-design Center for Quantum Advantage (C2QA)	81.RD	2,711,755	-
DEPARTMENT OF ENERGY	SUBK# 425236	Multiscale acceleration: Powering future discoveries in High Energy Physics	81.RD	152,423	-
		Total for Brookhaven National Laboratory		**3,191,178**	**-**
UT- Battelle LLC					
DEPARTMENT OF ENERGY	4000179517	Turbulence Modeling - Systematic comparison between measured and modelled ion heat diffusivities using VITALS	81.RD	22,251	-
DEPARTMENT OF ENERGY	4000192102/4000206053	Development of advanced compressible flow solver technology	81.049	125,231	-
DEPARTMENT OF ENERGY	4000192798	Understanding and Controlling Entangled and Correlated Quantum States in Confined Solid-state Systems Created via Atomic Scale Manipulation	81.049	-2,216	-
DEPARTMENT OF ENERGY	CW31155, PO# 4000198874	Adaptive Meshing Model Development	81.RD	6,641	-
DEPARTMENT OF ENERGY	CW45368 / PO# 4000208714	Center for Bioenergy Innovation	81.RD	423,937	-
DEPARTMENT OF ENERGY	CW54751	S4PST, Stewardship for Node Level Programming Systems and Tools	81.RD	98,895	-
DEPARTMENT OF ENERGY	CW64034	Defining Transmutation Production in the FPNS D-Li Concept	81.RD	193,607	-
		Total for UT- Battelle LLC		**868,346**	**-**
Brookhaven Science Associates, LLC					
DEPARTMENT OF ENERGY	433702	Quantum Algorithms Across Topological and Quantum Circuit Models	81.RD	253,743	-
DEPARTMENT OF ENERGY	440210	Machine learning-assisted, high-throughput development of high entropy alloys for nuclear applications	81.RD	18,644	-
DEPARTMENT OF ENERGY	454526	NSLS-II Enhanced Ion Beam Figuring	81.RD	86,905	-
		Total for Brookhaven Science Associates, LLC		**359,292**	**-**
Boston University					
DEPARTMENT OF ENERGY	4500003689	Market Clearing of Risky Assets	81.135	9,220	-
		Total for Boston University		**9,220**	**-**
Lehigh University					
DEPARTMENT OF ENERGY	544241-78001	Application of Banking Scoring and Rating for Coherent Risk Measures in Electricity Systems	81.135	94,357	-
		Total for Lehigh University		**94,357**	**-**
University of Pennsylvania					

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DEPARTMENT OF ENERGY	578218	Complex Quantum Systems and the Quantum Universe	81.049	99,485	-
		Total for University of Pennsylvania		**99,485**	**-**
Pennsylvania State University					
DEPARTMENT OF ENERGY	5952-MIT-DOE-1090	Center for Lignocellulose Structure and Formation (CLSF III)	81.049	-2	-
DEPARTMENT OF ENERGY	S001256-USDOE	Center for thermal-fluids application in nuclear energy: Establishing the knowledgebase for thermal-hydraulic multiscale simulation to accelerate the deployment of advanced reactors	81.121	38,325	-
DEPARTMENT OF ENERGY	S005949-USDOE	Center for Thermal-Fluids Applications in Nuclear Energy: Toward Industry Adoption	81.121	89,286	-
		Total for Pennsylvania State University		**127,609**	**-**
Northwestern University					
DEPARTMENT OF ENERGY	60051564 MIT	Creating and Interfacing Designer Chemical Qubits	81.049	100,599	-
DEPARTMENT OF ENERGY	60057508 MIT	Center for Molecular Quantum Transduction	81.049	188,523	-
DEPARTMENT OF ENERGY	60063420 MIT	Hydrogen in Energy and Information Sciences (HEISs)	81.049	525,785	-
		Total for Northwestern University		**814,907**	**-**
Stanford University					
DEPARTMENT OF ENERGY	63074009-212281	Understanding the Structure-Property Relationships and Unusual Aging Behavior of Microporous CANAL Polymer Membranes for Gas Separation	81.049	180,607	-
DEPARTMENT OF ENERGY	63603955-285652	An Equitable, Affordable & Resilient Nationwide Energy System Transition (EARNEST)	81.087	347,635	-
		Total for Stanford University		**528,242**	**-**
Battelle Memorial Institute					
DEPARTMENT OF ENERGY	634147	New NDA Methods for Thorium Fuel Cycle Safeguards (NRTA-SG)	81.RD	25,762	-
DEPARTMENT OF ENERGY	680381	Toward Dynamic Monitoring and Decision Systems (DyMonDS) framework for resilient electricity services: Puerto Rico BPS feasibility study	81.RD	-59	-
DEPARTMENT OF ENERGY	CONTRACT #: 543753	Making an inorganic analogue of a cell for direct air capture of CO2	81.RD	-16,750	-
DEPARTMENT OF ENERGY	CONTRACT# 547784	Uncertainty Characterization and Scenario Discovery in GCIMS	81.RD	92,121	-
		Total for Battelle Memorial Institute		**101,074**	**-**
Fermi Forward Discovery Group, LLC					
DEPARTMENT OF ENERGY	656002	US CMS DAQ Subsystem	81.RD	286,543	-
		Total for Fermi Forward Discovery Group, LLC		**286,543**	**-**

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Fermi Research Alliance, LLC					
DEPARTMENT OF ENERGY	684843	Real-Time Data Reduction Codesign at the Extreme Edge for Science	81.RD	67,011	-
DEPARTMENT OF ENERGY	712576	US CMS Trigger Subsystem	81.RD	9,000	-
DEPARTMENT OF ENERGY	720184	High Luminosity (HL) LHC CMS Detector Upgrade Project L1 Trigger	81.RD	11,845	-
DEPARTMENT OF ENERGY	SUBCONTRACT 675352	QuantISED Theory Consortium	81.RD	158,238	-
DEPARTMENT OF ENERGY	SUBCONTRACT 688370	Hybrid Cryogenic Detector Architectures for Sensing and Edge Computing enabled by new Fabrication Processes	81.RD	224,009	-
		Total for Fermi Research Alliance, LLC		**470,103**	**-**
University of California-San Diego					
DEPARTMENT OF ENERGY	706492	SMARTS: Surrogate Models for Accurate and Rapid Transport Simulations	81.049	315,542	-
		Total for University of California-San Diego		**315,542**	**-**
Lawrence Berkeley National Laboratory					
DEPARTMENT OF ENERGY	7601691	Solvent-Driven Zero Liquid Discharge for Production of Synthetic Gypsum	81.RD	-1,488	-
DEPARTMENT OF ENERGY	7614576	Large-scale algorithms and software for modeling chemical reactivity in complex systems	81.RD	94,850	-
DEPARTMENT OF ENERGY	7706016	Rapid detection and characterization of induced seismicity at geothermal fields	81.RD	24,982	-
DEPARTMENT OF ENERGY	7708600	Model and Remote Sensing-Guided Monitoring Design	81.RD	40,596	-
DEPARTMENT OF ENERGY	7763317	Scaling and Co-variability of Watershed Functional Traits	81.RD	52,636	-
DEPARTMENT OF ENERGY	RES SUBCONTRACT #7571809	Quantum Systems Accelerator	81.RD	-3,386	-
DEPARTMENT OF ENERGY	RESEARCH SUBCONTRACT NO. 7571809	Quantum Systems Accelerator	81.RD	1,814,549	-
DEPARTMENT OF ENERGY	SUBCONTRACT NO. 7645408	Advanced Long-Term MonItoring Systems (ALTEMIS)	81.RD	71,176	-
		Total for Lawrence Berkeley National Laboratory		**2,093,915**	**-**
Reaction Engineering International					
DEPARTMENT OF ENERGY	8302-2	A Clean and Affordable Low-Temperature Thermal Method to Preprocess the End of Life Lithium-Ion Batteries from Consumer Devices	81.086	296,314	-
		Total for Reaction Engineering International		**296,314**	**-**
The Research Foundation - Stony Brook University					

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DEPARTMENT OF ENERGY	90589/2/1166708	ENHANCED Shield: A Critical Materials Technology Enabling Compact Superconducting Tokamaks	81.135	46,971	-
DEPARTMENT OF ENERGY	94863/1176279/2	ARPA-E Onwards: Microreactor Enabled by Hydride Moderators	81.135	66,963	-
DEPARTMENT OF ENERGY	95821/1178553/2	A Comprehensive Approach to Reduce the Burden of C-14 in Next Generation Graphite Moderated Reactors	81.121	277,147	-
		Total for The Research Foundation - Stony Brook University		**391,081**	**-**
University of Minnesota					
DEPARTMENT OF ENERGY	A008795401	BOTTLE – Recyclable and Biodegradable Manufacturing and Processing of Plastics and Polymers based on Renewable Branched Caprolactones	81.086	85,110	-
DEPARTMENT OF ENERGY	A009091801	Interface Engineering using Vapor Transport Deposited Perovskite Films for Solar Cells	81.087	3,323	-
		Total for University of Minnesota		**88,433**	**-**
University of Minnesota-Morris					
DEPARTMENT OF ENERGY	A010469802	Center for Programmable Energy Catalysis	81.049	388,141	-
		Total for University of Minnesota-Morris		**388,141**	**-**
Atlantic Quantum					
DEPARTMENT OF ENERGY	AGMT DTD. 2/21/2023	Software for Automatic Control, Calibration and Validation of Quantum Processors	81.089	960	-
DEPARTMENT OF ENERGY	STTR PHASE II: AGMT DATED 4/1/24	STTR Phase II: Software for Automatic Control, Calibration and Validation of Quantum Processors	81.049	162,879	-
		Total for Atlantic Quantum		**163,839**	**-**
Saint-Gobain Ceramics & Plastics, Inc.					
DEPARTMENT OF ENERGY	AGMT EFF 10/1/23	Scalable Solar Fuels Production in a Reactor Train System by Thermochemical Redox Cycling of Novel Nonstoichiometric Perovskites	81.087	29,353	-
		Total for Saint-Gobain Ceramics & Plastics, Inc.		**29,353**	**-**
Brookhaven Technology Group, Inc.					
DEPARTMENT OF ENERGY	AGMT EFF 2/01/2024	Low-cost structural high-current high-field REBCO cable development	81.049	80,216	-
		Total for Brookhaven Technology Group, Inc.		**80,216**	**-**
Arzeda Corporation					
DEPARTMENT OF ENERGY	AGMT EFF 2/21/2023	Novel enzymes and synthetic metabolic pathways for complete degradation and upcycling of recalcitrant polyamides	81.049	67,827	-
		Total for Arzeda Corporation		**67,827**	**-**

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EFI Foundation, Inc					
DEPARTMENT OF ENERGY	AGMT SIGNED 10/7/24	MITEI Participation in Hydrogen Demand Initiative (H2DI)	81.255	49,638	-
		Total for EFI Foundation, Inc		**49,638**	**-**
American Physics and Technology					
DEPARTMENT OF ENERGY	AGMT. DTD. 04/01/2024	Large-scale fabrication of super-mirror reflection surfaces for neutron guides, mirrors and filters	81.049	40,869	-
		Total for American Physics and Technology		**40,869**	**-**
Eden GeoPower,Inc					
DEPARTMENT OF ENERGY	AGMT. DTD. 04/22/2022	Electro-Hydraulic Fracturing for Enhanced Geothermal Systems	81.135	623,111	-
		Total for Eden GeoPower,Inc		**623,111**	**-**
Project InnerSpace					
DEPARTMENT OF ENERGY	AGMT. DTD. 07/01/2024	GEODE	81.087	88,930	-
		Total for Project InnerSpace		**88,930**	**-**
Bridge 12 Technologies					
DEPARTMENT OF ENERGY	AGMT. DTD. 07/10/2023/PO #0000000900	A 350 GHz, 1 MW Class Gyrotron for Commercial Fusion Reactors	81.049	-755	-
DEPARTMENT OF ENERGY	AGRMT. DTD. 3/22/2021	High Efficiency Megawatt Class Gyrotrons for Instability Control of Burning Plasma Machines	81.135	-8,978	-
DEPARTMENT OF ENERGY	PO# 0000000856	A 15 T Superconducting Magnet for 350 GHz, 1 MW Class Gyrotrons for Commercial Fusion Reactors	81.049	8,874	-
		Total for Bridge 12 Technologies		**-859**	**-**
Adelphi Technology Inc					
DEPARTMENT OF ENERGY	AGMT. DTD. 07/22/2024	Powder neutron diffractometer for testing of irradiation effects in nuclear fuels and materials	81.049	118,174	-
DEPARTMENT OF ENERGY	STTR UNDER DE-SC0020555	Multiplexing Focusing Analyzer for Efficient Stress-Strain Measurements	81.049	65,569	-
		Total for Adelphi Technology Inc		**183,743**	**-**
Princeton University					
DEPARTMENT OF ENERGY	AGR 25160 P-250009744	Exploring the limits of electron and phonon transport in diamond: nanoscale devices and extreme environments	81.RD	15,064	-
DEPARTMENT OF ENERGY	SUB0000289	Bioinspired Light-Escalated Chemistry (BioLEC)	81.049	183,096	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
		Total for Princeton University		**198,160**	**-**
And Battery Aero, Inc					
DEPARTMENT OF ENERGY	AGREEMENT DTD 09/27/2024	HERALD — High Energy Renewable AFx eLectroDes	81.135	169,901	-
		Total for And Battery Aero, Inc		**169,901**	**-**
24M Technologies Inc.					
DEPARTMENT OF ENERGY	AGREEMENT DTD 09/28/23	Anode-Free Sodium Metal Batteries	81.135	544,077	-
		Total for 24M Technologies Inc.		**544,077**	**-**
Propel Aero, Inc					
DEPARTMENT OF ENERGY	AGREEMENT DTD 09/30/2024	Redox Engine	81.135	270,034	-
		Total for Propel Aero, Inc		**270,034**	**-**
Technology Holding, LLC					
DEPARTMENT OF ENERGY	AGREEMENT DTD 12/17/2021	Next Generation Separation Method for Rare Earths	81.RD	10,261	-
		Total for Technology Holding, LLC		**10,261**	**-**
Form Energy, Inc.					
DEPARTMENT OF ENERGY	AGREEMENT EFFECTIVE 7/19/2024	Electrolytic chlor-iron process: direct electrification of ironmaking with net-negative CO2 emissions	81.135	59,331	-
		Total for Form Energy, Inc.		**59,331**	**-**
Sublime Systems					
DEPARTMENT OF ENERGY	AGREEMENT EFFECTIVE 7/28/2022	ELECTROCHEMICAL UPCYCLING FOR LOW-CO2 MATERIALS PRODUCTION	81.135	67,444	-
		Total for Sublime Systems		**67,444**	**-**
Georgia Institute of Technology					
DEPARTMENT OF ENERGY	AWD-000372-G2	CONSORTIUM FOR ENABLING TECHNOLOGIES & INNOVATION (ETI)	81.113	82,748	-
		Total for Georgia Institute of Technology		**82,748**	**-**
Georgia Tech Research Corporation					
DEPARTMENT OF ENERGY	AWD-006396-G1	Molten Alkali Hydroxide Triple Phase Flow Batteries (3PFB)	81.135	383,857	-
		Total for Georgia Tech Research Corporation		**383,857**	**-**

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Lawrence Livermore National Security, LLC					
DEPARTMENT OF ENERGY	B652285	Design and implementation of the MRSt neutron spectrometer in support of NIF	81.RD	122,273	-
DEPARTMENT OF ENERGY	B652561	Biological Ligands and Materials Design for Rare Earth Recovery and Separation	81.RD	-259	-
DEPARTMENT OF ENERGY	B656484	High-Density Implosions on Omega and the National Ignition Facility (NIF)	81.RD	864,470	-
DEPARTMENT OF ENERGY	B663014	THE NATIONAL IFE “STARFIRE” HUB: SCIENCE & TECHNOLOGY ACCELERATED RESEARCH FOR FUSION INNOVATION & REACTOR ENGINEERING	81.049	104,489	-
DEPARTMENT OF ENERGY	B663068	Quantify uncertainties associated with field observations & model simulations across scales for accelerating soil-based carbon drawdown	81.RD	113,404	-
DEPARTMENT OF ENERGY	B664043	EBIT EXPERIMENTS TO IDENTIFY W LINES NEAR 2.7 A	81.RD	38,522	-
DEPARTMENT OF ENERGY	B664091	Studying implosion degradations at OMEGA and the National Ignition Facility (NIF) to advance Inertial Fusion Energy	81.RD	55,698	-
DEPARTMENT OF ENERGY	B668246	Time-resolved and -integrated neutron spectroscopy for NIF ignition implosions	81.RD	57,186	-
		Total for Lawrence Livermore National Security, LLC		**1,355,783**	**-**
Triad National Security, LLC					
DEPARTMENT OF ENERGY	C2352 / CW23868	Readout and Fast triggers for the sPHENIX MVTX	81.RD	61,800	-
DEPARTMENT OF ENERGY	C3464	Human-Robot Collaboration for Teaching, Tasking and Supervisory control of Mobile Manipulation Robots	81.RD	166,229	-
DEPARTMENT OF ENERGY	C5200	Fuel Dopants in ICF: Using ML to Optimize Performance and Burn (U)	81.RD	76,415	-
DEPARTMENT OF ENERGY	C5380	Modernizing Compiler Design for Platform and Performance Portability	81.RD	106,890	-
DEPARTMENT OF ENERGY	PO #EP172270; SUB NO. CW9131	Advancements in Monte Carlo methods for transient modelling and performance on GPUs	81.RD	105,539	-
DEPARTMENT OF ENERGY	SUBCONTRACT# C5397	Surrogate Models for Science FAIR (Foundational AI Research)	81.RD	50,318	-
		Total for Triad National Security, LLC		**567,191**	**-**
Battelle-Pacific Northwest Laboratories					
DEPARTMENT OF ENERGY	CONTRACT# 605957	Superconducting Quasiparticle-Sensitive Sensors and Qubits	81.049	-730	-
		Total for Battelle-Pacific Northwest Laboratories		**-730**	**-**
Virginia Polytechnic Institute					
DEPARTMENT OF ENERGY	DE-NE0009482	Interfacial Interactions between Graphite and Molten Fluoride Fuel Salt	81.121	62,506	-
		Total for Virginia Polytechnic Institute		**62,506**	**-**
Krell Institute					

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DEPARTMENT OF ENERGY	FELLOWSHIP COMMITMENT	DOE-CSGF Krell Institute	81.049	1,241,971	-
		Total for Krell Institute		**1,241,971**	**-**
Colorado State University					
DEPARTMENT OF ENERGY	G-20607-02	Redesigning Polymers to Leverage a Circular Economy (RePLACE)	81.049	93,244	-
DEPARTMENT OF ENERGY	G-64020-01	Redesigning Polymers to Leverage A Circular Economy (REPLACE)	81.049	38,939	-
		Total for Colorado State University		**132,183**	**-**
Texas A & M					
DEPARTMENT OF ENERGY	M2100082	Secure Monitoring and Control of Solar Power Distribution System Through Dynamic Watermarking	81.087	3,502	-
		Total for Texas A & M		**3,502**	**-**
Commonwealth Fusion Systems					
DEPARTMENT OF ENERGY	MEMBER AGREEMENT DTD 3/7/18	CFS-Mitei Startup Member Framework Agreement	81.RD	2	-
		Total for Commonwealth Fusion Systems		**2**	**-**
University of Wisconsin-Madison					
DEPARTMENT OF ENERGY	P.O. 0000003352	Thermal-Hydraulics Assessment of SiC Compared to Other ATF Cladding Materials and Performance to Mitigate CRUD	81.121	146,523	-
		Total for University of Wisconsin-Madison		**146,523**	**-**
Leidos Biomedical Research Inc.					
DEPARTMENT OF ENERGY	P010336002	Support Scale Up of Integrated Energy Systems, Rev. Original dated 12/9/2024	81.RD	18,335	-
		Total for Leidos Biomedical Research Inc.		**18,335**	**-**
North Carolina State University					
DEPARTMENT OF ENERGY	PAM-P22-000272-SA01	Quantum Simulation For Nuclear Physics: From Few to Many	81.049	92,097	-
DEPARTMENT OF ENERGY	PAM-P23-001518-SA01	An Advanced Modular Redox Air Separation System for Cost-Effective, Net-Zero Hydrogen Production	81.089	86,866	-
		Total for North Carolina State University		**178,963**	**-**
Plasma Processes, LLC					
DEPARTMENT OF ENERGY	PO 1017-002-JK-050222	Additive Manufacture of GRCop Waveguides for Fusion	81.049	68,466	-
		Total for Plasma Processes, LLC		**68,466**	**-**

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Fluor Marine Propulsion					
DEPARTMENT OF ENERGY	PO 135265 / LINE ITEM 1	Effect of surface properties on the two-phase heat transfer and critical heat flux	81.RD	47,840	-
		Total for Fluor Marine Propulsion		**47,840**	**-**
University of Michigan					
DEPARTMENT OF ENERGY	PO 3005787040 / SUBK00009794	Consortium for Monitoring, Technology, and Verification	81.113	84,915	-
DEPARTMENT OF ENERGY	SUBK00017477	Mechano-Chemical Understanding of Solid Ion Conductors (MUSIC)	81.049	392,968	-
DEPARTMENT OF ENERGY	SUBK00018472 / 3007875053	The Center for Magnetic Acceleration, Compression, and Heating (MACH)	81.112	3,734	-
		Total for University of Michigan		**481,617**	**-**
University of California - Berkeley					
DEPARTMENT OF ENERGY	PO BB01575432/00010929	Probing the Speciation of Light Elements in Molten Salt by Electrochemistry, High Temperature Liquid NMR and Neutron Diffraction	81.121	11,393	-
		Total for University of California - Berkeley		**11,393**	**-**
Terra Power, LLC					
DEPARTMENT OF ENERGY	PO TP-P00000743	Uncertainty Quantification of CFD calculations for the NATRIUM reactor	81.121	98,648	-
		Total for Terra Power, LLC		**98,648**	**-**
Lincoln Laboratory					
DEPARTMENT OF ENERGY	PO# 7120477965	Advanced Quantum Testbed (AQT)	81.RD	-60,024	-
		Total for Lincoln Laboratory		**-60,024**	**-**
Honeywell					
DEPARTMENT OF ENERGY	PO# N000428740	Next Generation Capabilities for AM 705179	81.RD	-3,216	-
		Total for Honeywell		**-3,216**	**-**
Michigan State University					
DEPARTMENT OF ENERGY	RC115542 - MIT	High Energy Physics Computing Traineeship for Lattice Gauge Theory	81.049	21,144	-
		Total for Michigan State University		**21,144**	**-**
University of Massachusetts-Lowell					
DEPARTMENT OF ENERGY	S51900000052748	Improving post-consumer resin processing in injection molding using online rheological measurement	81.087	47,082	-

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		Total for University of Massachusetts-Lowell		**47,082**	**-**
University of Rochester					
DEPARTMENT OF ENERGY	SUB00000794/GR534356	Nuclear-particle Spectroscopy and Analysis at Omega	81.112	448,933	-
		Total for University of Rochester		**448,933**	**-**
National Renewable Energy Laboratory					
DEPARTMENT OF ENERGY	SUB-2024-10464	UNIFI-MIT: Modeling and Control for Guaranteed Interoperability	81.RD	122,023	-
DEPARTMENT OF ENERGY	UGA-0-41029-25	Investigation of Plastic Deconstruction Methods to Aid in Upcycling and Redesign	81.RD	428,501	-
DEPARTMENT OF ENERGY	UGA-0-41029-27	Metal-to-ceramic joining methods to support development of advanced ceramic-based CSP components	81.RD	20	-
DEPARTMENT OF ENERGY	UGA-0-41029-34	NREL: Lignin-First Biorefinery Development	81.RD	131,292	-
DEPARTMENT OF ENERGY	UGA-0-41029-35	Towards sustainable aviation fuels from biomass	81.RD	138,952	-
		Total for National Renewable Energy Laboratory		**820,788**	**-**
Clean Energy States Alliance					
DEPARTMENT OF ENERGY	SUBAWARD AGREEMENT DATED APRIL 1 2021/USDOE AWARD DE-EE009360	Effective Knowledge Dissemination for LMI Solar: The Roles of CBOs and State Governments	81.087	53,488	-
		Total for Clean Energy States Alliance		**53,488**	**-**
University of Alaska-Fairbanks					
DEPARTMENT OF ENERGY	UA 23-0045/ P.O. 564325	Environmental Justice and Equity Framework for siting nuclear energy in America's Arctic	81.121	48,570	-
		Total for University of Alaska-Fairbanks		**48,570**	**-**
University of Texas - Austin					
DEPARTMENT OF ENERGY	UTA18-000276	Partnership for Multiscale Gyrokinetic (MGK) Turbulence	81.049	41,463	-
		Total for University of Texas - Austin		**41,463**	**-**
University of Washington					
DEPARTMENT OF ENERGY	UWSC12397 PO BPO52447	Ultrafast Control of Emerging Electronic Phenomena in 2D Quantum Materials	81.049	-132,336	-
DEPARTMENT OF ENERGY	UWSC15383	Ultrafast Control of Emerging Electronic Phenomena in 2D Quantum Materials	81.049	485,452	-
		Total for University of Washington		**353,116**	**-**

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Rice University					
DEPARTMENT OF ENERGY	X03136842	CMS Endcap Timing Layer Upgrade	81.049	494,295	-
		Total for Rice University		**494,295**	**-**
		TOTAL for Department of Energy		**26,258,933**	**277,010**

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF HEALTH & HUMAN SERVICES					
Harvard School of Public Health					
DEPARTMENT OF HEALTH & HUMAN SERVICES	115034-5119517	The Harvard TH Chan School of Public Health Center for Work, Health and Wellbeing	93.262	169,868	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	111922-5115321	Validating City Scanner: a low-cost mobile air quality platform for cities	93.113	-146	-
		Total for Harvard School of Public Health		**169,722**	**-**
Cision Vision, Inc.					
DEPARTMENT OF HEALTH & HUMAN SERVICES	AGMT DTD. 03/10/25	A.I. powered real-time 3D label-free intraoperative tissue imaging and tissue recognition with hyperspectral shortwave infrared light-field imaging	93.384	163,960	-
		Total for Cision Vision, Inc.		**163,960**	**-**
Synensys, LLC					
DEPARTMENT OF HEALTH & HUMAN SERVICES	AGMT EFF 9/8/22	Systems-Theoretic Analysis to Improve Safety of Laboratory Data	93.RD	164,916	-
		Total for Synensys, LLC		**164,916**	**-**
InGel Therapeutics, Inc.					
DEPARTMENT OF HEALTH & HUMAN SERVICES	AGREEMENT DTD. 3/26/2025	A Multifaceted Approach Using 3D Printing, Microtunneling, and Magnetic Click-Lock Technology to Rebuild the Optic Nerve	93.384	273,582	-
		Total for InGel Therapeutics, Inc.		**273,582**	**-**
Massachusetts General Hospital					
DEPARTMENT OF HEALTH & HUMAN SERVICES	GR0246547-S01	Breaking Boundaries in Sleep Science: Integrating NIRS-EEG in a Wearable Headband for Real-World Glymphatic System Monitoring during Sleep (NIGHT Study)	93.384	126,545	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	233811	Leveraging Artificial Intelligence for the assessment of severity of depressive symptoms	93.242	-32	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	235400	DISCOVERY: Determinants of Incident Stroke Cognitive Outcomes and Vascular Effects on RecoverY	93.853	15,030	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	236596	Defining the Fc-correlates of protection against influenza	93.855	119,229	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	236632	Multiplexed Antigen-Specific Antibody Fc Profiling on a Chip for Point-of-Care Diagnosis of TB in HIV-infected Children	93.855	114,233	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	236792	fMRI Technologies for Imaging at the Limit of Biological Spatiotemporal Resolution	93.286	151,523	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF HEALTH & HUMAN SERVICES	236829	Drug Addiction Stress Prediction from Wearable Sensors	93.273	11,788	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	236887	Mechanisms of HIV-associated epithelial intestinal stem cell (ISC) dysfunction	93.847	206,703	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	237498	Development of the Human Dynamic Neurochemical Connectome Scanner	93.286	31,084	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	237869	Defining functional humoral correlates of immunity to guide vaccine design	93.855	171,822	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	238575	Effects of inflammaging on intestinal epithelial cells and aspirin chemoprevention.	93.393	169,976	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	238641	Centers for Studies of IBD - Cellular and In Vivo Models (CIVM) Core	93.847	20,774	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	238695	Improving treatment of HER2+ breast cancer brain metastasis by targeting cancer metabolism	93.396	235,911	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	241484	Immunometabolic regulation of CD8+ T cell mediated intestinal epithelial cell death in people with HIV (PWH)	93.847	236,272	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	241551	Intravascular all-optical microstructural and biomechanical characterization of coronary plaques	93.286	11,952	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	242177	An Expanded Access Protocol of Intravenous Trehalose Injection 90 mg/mL Treatment of Patients with Amyotrophic Lateral Sclerosis	93.310	125,395	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	242793	Clinical Research Center for the Improved Prevention, Diagnosis, and Treatment of Vocal Hyperfunction	93.173	79,472	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	242982	Investigating the Protective Efficacy of SIV/HIV T and B cell Immunity Induced by RNA Replicons	93.855	109,449	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	243877	Circuits across scales in the monkey and human	93.242	395,484	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	244001	Harnessing Diverse BioInformatic Approaches to Repurpose Drugs for Alzheimers Disease and Related Dementias	93.866	206,671	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	244025	Electrographic Seizure Pattern Modulation Biomarkers in Responsive Neurostimulation for Epilepsy	93.853	73,226	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	244110	Biophysical Mechanisms of Cortical MicroStimulation	93.853	559,619	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	246029	Pathogenic Germline Mutations in Barrett's Esophagus	93.847	33,754	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	300416	Influence of ADHD and Executive Function on the Development of Dyslexia	93.865	413,181	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	GR0241802-S02	Bridge2AI CHoRUS	93.310	274,251	-
		Total for Massachusetts General Hospital		**3,893,312**	**-**

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
National Institute for Pharmaceutical Technology and Education (NIPTE)					
DEPARTMENT OF HEALTH & HUMAN SERVICES	NIPTE-75F-MIT-2022-001	Continuous Drug Substance Manufacturing from biomass-derived building blocks	93.RD	299,124	-
		Total for National Institute for Pharmaceutical Technology and Education (NIPTE)		**299,124**	**-**
Children's National Hospital					
DEPARTMENT OF HEALTH & HUMAN SERVICES	PROJECT ID: 30008126	Polymeric auxetic stent to treat pediatric aortic coarctation	93.103	53,879	-
		Total for Children's National Hospital		**53,879**	**-**
Draper Laboratory Incorporated					
DEPARTMENT OF HEALTH & HUMAN SERVICES	SC001-000001500	Human Tissue Models of Radiation-Induced Damage to Enable Medical Countermeasure Discovery	93.RD	189,773	-
		Total for Draper Laboratory Incorporated		**189,773**	**-**
University of Wisconsin-Madison					
DEPARTMENT OF HEALTH & HUMAN SERVICES	0000003607	BeWell Face and Voice Analysis for Emotional Well-being	93.213	111,300	-
		Total for University of Wisconsin-Madison		**111,300**	**-**
Brown University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	00001628	Multifidelity and multiscale modeling of the spleen function in hereditary spherocytosis and sickle cell disease with in vitro and ex vivo validations	93.839	70,551	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	00001959	Population modeling of bladder cancer detection and control	93.393	-32	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	00002019	Fluorinated macrocyclic peptides as BBB penetrating agent for improved GBM treatment	93.395	11,150	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUB00000730	Digital twins of the spleen to accelerate the design and development of new therapies in sickle cell disease	93.839	24,768	-
		Total for Brown University		**106,437**	**-**
Beth Israel Deaconess Medical Center					
DEPARTMENT OF HEALTH & HUMAN SERVICES	01061188	The development and human translation of Temporal Interference brain stimulation	93.242	-13,531	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	01064315	Structure-Guided Design of Intestine-Selective AHR Agonists for Restoration of Gut Barrier Integrity in IBD	93.847	1,355	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	GRT66784	Research Resource for Complex Physiologic Signals	93.286	339,518	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
		Total for Beth Israel Deaconess Medical Center		**327,342**	**-**
Icahn School of Medicine at Mount Sinai					
DEPARTMENT OF HEALTH & HUMAN SERVICES	0255-H291-4609	Integration of adjuvant derived nanoparticles and engineered mRNA for HIV vaccine discovery	93.855	463,426	-
		Total for Icahn School of Medicine at Mount Sinai		**463,426**	**-**
Boston Medical Center					
DEPARTMENT OF HEALTH & HUMAN SERVICES	100192022-MIT 05349	A multi-modular approach for human pluripotent stem cell-based liver regeneration	93.847	5,682	-
		Total for Boston Medical Center		**5,682**	**-**
University of Utah					
DEPARTMENT OF HEALTH & HUMAN SERVICES	10062103-15-MIT	CHEETAH Center for the Structural Biology of HIV Infection, Restriction, and Viral Dynamics	93.855	247,158	-
		Total for University of Utah		**247,158**	**-**
Oregon Health and Science University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	1020958_MIT	Multispecies NHP dGTEx Research Center	93.172	324,302	-
		Total for Oregon Health and Science University		**324,302**	**-**
Tufts University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	103076-00001/NIH113/PO EP0192109	Voltage imaging of astrocyte-neuron interactions	93.853	-1,109	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	5020410 SERV	Pathogenesis of Cardiopulmonary Fibrosis Associated with Heart Failure in the Elderly	93.866	-5,280	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	EP0242834/HL0123	Targeting alternative splicing of sodium channels to treat pediatric developmental epileptic encephalopathies	93.853	213,270	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	PO EP0233974	Understanding and designing cyclic peptides	93.859	36,604	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	PO EP0235091	Optimizing integration of veterinary clinical research findings with human health systems to improve strategies for early detection and intervention	93.350	157,096	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	PO EP0235120	Genetic and Functional dissection of frontal thalamocortical circuitry	93.242	311,239	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	PO# EP0234281	Tufts Clinical and Translational Institute	93.350	19,288	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	PO# EP0244006	Tufts Clinical and Translational Institute	93.350	178,674	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
		Total for Tufts University		**909,782**	**-**
Cummings School of Veterinary Medicine at Tufts University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	104489-00001 PO# EP0234333	Cross-Disciplinary Training for Veterinary Students	93.351	4,550	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	104489-00001 PO# EP0244610	Cross-Disciplinary Training for Veterinary Students	93.351	-1,205	-
		Total for Cummings School of Veterinary Medicine at Tufts University		**3,345**	**-**
Harvard University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	109786.5110773	Immune Mechanisms of Protection against Mycobacterium Tuberculosis Center (IMPAc-TB)	93.RD	241,116	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	109786.5110775	Immune Mechanisms of Protection against Mycobacterium Tuberculosis Center (IMPAc-TB)	93.RD	686,328	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	132769-5124724	BRAIN CONNECTS: A Comprehensive Center for High Throughput Mouse Connectomics	93.853	2,368	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	138152-5124654	Rapid and Cost-effective Connectomics With Intelligent Image Acquisition, Reconstruction, and Querying	93.372	174,812	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	164677-5115233	High throughput assaying of circuit activity and connectivity in brain organoids	93.242	19,789	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	164715-5129879	Modeling ASD-linked genetic mutations in 3D human brain organoids	93.242	1,377	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	168051-5119965	Platform technologies for scalable highly multiplexed proteomic phenotyping of the brain	93.242	-49,623	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	168051-5119967	Platform technologies for scalable highly multiplexed proteomic phenotyping of the brain	93.242	42,593	-
		Total for Harvard University		**1,118,760**	**-**
Brigham & Women's Hospital					
DEPARTMENT OF HEALTH & HUMAN SERVICES	123929	Epigenetics and 3D structure of miR-10b/HoxD locus in the brain and malignant glioma	93.853	13,919	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	126094	Predicting the impact of genetic variants, genes and pathways on human Disease	93.172	26,843	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	127817	Targeting platinum(IV) prodrug to GBM tumors using a brevican-binding peptide	93.395	120,331	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	127862	Functional analysis of glia in tauopathy	93.866	192,606	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	130278	Circumventing Barriers to Effective Oncolytic Virotherapy of Malignant Gliomas_Project 2	93.395	3,298	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF HEALTH & HUMAN SERVICES	131482	Nef in impaired efferocytosis: a novel mechanism for vascular disease in HIV	93.837	2,199	-
		Total for Brigham & Women's Hospital		**359,196**	**-**
Dana Farber Cancer Institute					
DEPARTMENT OF HEALTH & HUMAN SERVICES	1283206	Altered metabolism and machine learning for pancreatic cancer early detection	93.394	-836	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	1283207	Altered metabolism and machine learning for pancreatic cancer early detection	93.394	18,703	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	1283208	Altered metabolism and machine learning for pancreatic cancer early detection	93.394	59,637	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	1318004	Development of microRNA-based cell-targeted polymeric nanoparticles for multiple myeloma therapy	93.395	130,900	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	1318005	Development of microRNA-based cell-targeted polymeric nanoparticles for multiple myeloma therapy	93.395	30,020	-
		Total for Dana Farber Cancer Institute		**238,424**	**-**
University of California - San Francisco					
DEPARTMENT OF HEALTH & HUMAN SERVICES	13617SC	COVID-19: AViDD U19: QBI Coronavirus Research Group (QCRG)	93.855	420,838	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	13777SC	Project 2: Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	93.855	81,461	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	13778SC	Project 3: Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	93.855	81,353	-
		Total for University of California - San Francisco		**583,652**	**-**
Harvard Medical School					
DEPARTMENT OF HEALTH & HUMAN SERVICES	151757.5123384.0002	Contributing roles of T cell-produced cytokine interleukin-17 in promoting Alzheimer's Disease	93.866	336,290	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	152074.5128550.007	mHealth-Community Health Worker tool for comprehensive post-cesarean follow-up in rural Rwanda	93.865	9,144	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	153006.5130114.0007	Image-based algorithms for remote cesarean surgical site infection diagnoses in diverse populations	93.865	48,929	-
		Total for Harvard Medical School		**394,363**	**-**
University of California, Los Angeles					
DEPARTMENT OF HEALTH & HUMAN SERVICES	1554 G WC474	Molecular Analysis of Host Immune Response in Leprosy	93.855	8,310	-

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DEPARTMENT OF HEALTH & HUMAN SERVICES	15540000137208	Molecular Analysis of Host Immune Response in Leprosy	93.855	168,402	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	20000000087938	Next-generation MORF Mice for Scalable Brainwide Morphological Mapping and Genetic Perturbation of Single Neurons	93.242	31,971	-
		Total for University of California, Los Angeles		**208,683**	**-**
Rush University Medical Center					
DEPARTMENT OF HEALTH & HUMAN SERVICES	18052302-SUB02	Culturally relevant contributors to cognitive and MRI changes in older Latinos	93.866	33,577	-
		Total for Rush University Medical Center		**33,577**	**-**
L2 Diagnostics, LLC					
DEPARTMENT OF HEALTH & HUMAN SERVICES	1R41AI184218-01	Delivery of a candidate AgTRIOVx malaria vaccine by thermostable microneedle patches	93.855	110,843	-
		Total for L2 Diagnostics, LLC		**110,843**	**-**
Codomax, Inc.					
DEPARTMENT OF HEALTH & HUMAN SERVICES	1R41TR004774-01	Exploiting translation elongation for improved biologics manufacturing	93.350	35,440	-
		Total for Codomax, Inc.		**35,440**	**-**
Columbia University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	2(GG018142-01)	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	2,522	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	2(GG18142-02) AND PO# SAPO G19204	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	278,617	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	3(GG014961-01)	Integrating Air Pollution Prediction Models: Uncertainty Quantification and Propagation in Health Studies	93.113	20,477	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	6(GG017143-18) SAPO #18129	State-dependent Decision-making in Brainwide Neural Circuits	93.853	2,497	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	6(GG017143-29)	State-dependent Decision-making in Brainwide Neural Circuits	93.853	82,957	-
		Total for Columbia University		**387,070**	**-**
La Jolla Institute for Allergy and Immunology					
DEPARTMENT OF HEALTH & HUMAN SERVICES	20012-01-133-284	ImmuneSignatures HIPC IOF project	93.855	53,566	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	20021-09-133-382	Maximizing germinal centers and somatic hypermutation to HIV Env immunogens	93.855	189,232	-

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DEPARTMENT OF HEALTH & HUMAN SERVICES	20114-01-170-408	America's SHIELD: Strategic Herpesvirus Immune Evasion and Latency Defense, through an AI/ML toolkit for broad genus-level immunity to chronic disease and cancer	93.384	27,600	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	27909-05-133-408	Consortium for Immunotherapeutics against Emerging Viral Threats	93.855	87,970	-
		Total for La Jolla Institute for Allergy and Immunology		**358,368**	**-**
Johns Hopkins University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	2006077065	A Digital Biomarker for Vascular Cognitive Impairment in Patients with Minor Stroke	93.866	131,627	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	2006198036	Reverse Engineering Zonation-Specific and Age-Specific iPSC-Derived Cerebrovascular Models Based on Transcriptomic Profiling of the Human Brain	93.839	133,449	-
		Total for Johns Hopkins University		**265,076**	**-**
North Carolina State University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	2021-0285-01	Biomaterial Scaffolds for Ex Vivo and In Situ CAR-T Cell Production	93.395	-62	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	PAM-P23-000937-SA01	MASTER Scaffolds for Rapid, Single-Step Manufacture and Prototyping of CAR-T cells	93.395	-26	-
		Total for North Carolina State University		**-88**	**-**
Allen Institute for Brain Science					
DEPARTMENT OF HEALTH & HUMAN SERVICES	2021-0590	Cell Type and Circuit Mechanisms of Non-Invasive Brain Stimulation by Sensory Entrainment	93.279	664,393	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	2022-0624	Functionally guided adult whole brain cell atlas in human and NHP	93.242	131,517	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	2022-0625	Functionally guided adult whole brain cell atlas in human and NHP	93.242	3,104	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	2022-0638	A Knowledgebase for Community Exploration of Brain Cell Types	93.242	536,242	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	2023-0605	BRAIN CONNECTS: Mapping brain-wide connectivity of neuronal types using barcoded connectomics	93.853	384,111	-
		Total for Allen Institute for Brain Science		**1,719,367**	**-**
Cornell University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	203763, BOUROUIBA	Halting TB transmission: Bacterial determinants of Mtb aerobiology	93.855	90,400	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	228323, BOUROUIBA	Halting TB transmission: Bacterial determinants of Mtb aerobiology	93.855	3,105	-

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DEPARTMENT OF HEALTH & HUMAN SERVICES	240175, BOUROUIBA	Halting TB transmission: Bacterial determinants of Mtb aerobiology	93.855	363,390	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUBAWARD NO. 230778	Targeted delivery of cytopathicity enhancing agents, and co-ordination with shock and kill, to reduce levels of persistent HIV and enable remission	93.855	-33,002	-
		Total for Cornell University		**423,893**	**-**
University of Texas Medical Branch					
DEPARTMENT OF HEALTH & HUMAN SERVICES	23-85074-04	Coordinating Research on Emerging Arboviral Threats Encompassing the Neotropics (CREATE-NEO)	93.855	-40	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	24-85074-05	Coordinating Research on Emerging Arboviral Threats Encompassing the Neotropics (CREATE-NEO)	93.855	54,417	-
		Total for University of Texas Medical Branch		**54,377**	**-**
The Wistar Institute					
DEPARTMENT OF HEALTH & HUMAN SERVICES	25903-92-324	BEAT-HIV: Delaney Collaboratory to Cure HIV-1 Infection by Combination Immunotherapy	93.855	93,118	-
		Total for The Wistar Institute		**93,118**	**-**
Research Foundation of SUNY-Albany					
DEPARTMENT OF HEALTH & HUMAN SERVICES	2-88226	Translational regulation during cigarette smoking-induced reprogramming of the rRNA epitranscriptome, in vitro and in a mouse smoking model	93.113	206,853	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	2-95806	Translational regulation in exposure biology - Xenobiotic-induced reprograming of tRNA modifications and selective translation of codon-biased response genes in rat and human models	93.113	249,035	-
		Total for Research Foundation of SUNY-Albany		**455,888**	**-**
University of Kentucky					
DEPARTMENT OF HEALTH & HUMAN SERVICES	3200005065-23-112	The impact of metformin on mechanisms that drive inflammation in older adults	93.866	98,534	-
		Total for University of Kentucky		**98,534**	**-**
McLean Hospital					
DEPARTMENT OF HEALTH & HUMAN SERVICES	401663	Novel Treatment Targets For Affective Disorders Through Cross-Species Investigation of Approach/Avoidance Decision Making	93.242	680,666	-
		Total for McLean Hospital		**680,666**	**-**
National Bureau of Economic Research, Inc.					
DEPARTMENT OF HEALTH & HUMAN SERVICES	4126B.MIT	What Does Health Insurance Do? Evidence from the Oregon Health Insurance Lottery	93.866	121,367	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
		Total for National Bureau of Economic Research, Inc.		**121,367**	**-**
Boston University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	4500003010	Functional reorganization of the language and domain-general multiple demand systems in aphasia	93.173	-2,799	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	4500003437	Multidimensional Optimization of Voltage Indicators for In Vivo Neural Activity Imaging	93.242	71,017	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	4500004266	Precise targeting of T1D specific T cells using CAR and peptide□MHC chimeric antigen ligands	93.847	189,753	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	4500004579	Neural Markers of Treatment Mechanisms and Prediction of Treatment Outcomes in Social Anxiety	93.242	238,212	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	4500004746	Neural Markers of Treatment Mechanisms and Prediction of Treatment Outcomes in Social Anxiety	93.242	92,500	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	4500004824	Synthetic vascularization and regeneration in engineered tissues	93.286	169,763	-
		Total for Boston University		**758,446**	**-**
Trustees of Boston University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	4500005084	Local neuronal drive and neuromodulatory control of activity in the pial neurovascular circuit	93.279	202,788	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUBAWARD NO. 4500005177	Precision Monitoring and Assessment in the Framingham Study: Cognitive, MRI, Genetic and Biomarker Precursors of AD & Dementia	93.866	231,996	-
		Total for Trustees of Boston University		**434,784**	**-**
The Broad Institute, Inc.					
DEPARTMENT OF HEALTH & HUMAN SERVICES	50000655-5500001351	Infection site-specific activation and amplification of antimicrobial peptide activity	93.855	97,148	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	5001244-5500001658	Single Cell Transcriptomic and Epigenomic Dissection of Opioid and Cocaine Responses in HIV	93.279	7,463	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	5001245-5500001658	Single Cell Transcriptomic and Epigenomic Dissection of Opioid and Cocaine Responses in HIV	93.279	1,948,280	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	5001913-5500001352	Genomic applications to transform Gram-negative Abx discovery	93.855	130,070	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	5100660-5500001353	Innovative technologies to transform antibiotic discovery - Administrative Core	93.855	5,448	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	769-5500001351	Infection site-specific activation and amplification of antimicrobial peptide activity	93.855	696,216	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUBAWARD NO. 1078 - 5500001849	Unraveling the genetic programs engaged in ASD neurons through coupled transcriptomic and phenotypic readouts	93.242	224,449	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
		Total for The Broad Institute, Inc.		**3,109,074**	**-**
University of North Carolina-Chapel Hill					
DEPARTMENT OF HEALTH & HUMAN SERVICES	5133858	MASTER Scaffolds for Rapid, Single-Step Manufacture and Prototyping of CAR-T cells	93.395	12,800	-
		Total for University of North Carolina-Chapel Hill		**12,800**	**-**
Schepens Eye Research Institute					
DEPARTMENT OF HEALTH & HUMAN SERVICES	533468	Innate and Adaptive Immunity in the Pathogenesis of Glaucoma	93.867	140,956	-
		Total for Schepens Eye Research Institute		**140,956**	**-**
Lehigh University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	544267-78002	Promoting Receptor Protein Tyrosine Phosphatase Activity by Targeting Transmembrane Domain Interactions	93.859	-1,236	-
		Total for Lehigh University		**-1,236**	**-**
The Scripps Research Institute					
DEPARTMENT OF HEALTH & HUMAN SERVICES	5-55136	Consortia for HIV/AIDS Vaccine Development (CHAVD) RFA-AI-18-001	93.855	-1,923	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	GR000094	The Consortium for Viral Systems Biology (CViSB)	93.855	166,442	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	GR000526	Extended dosing immunization to enhance humoral immunity to next-generation vaccines	93.855	71,290	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	GR000536	The Consortium for Viral Systems Biology (CViSB)	93.855	45,503	-
		Total for The Scripps Research Institute		**281,312**	**-**
Northwestern University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	60059581 MIT	CRITICAL: Collaborative Resource for Intensive care Translational science, Informatics, Comprehensive Analytics, and Learning	93.350	87,360	-
		Total for Northwestern University		**87,360**	**-**
University of South Florida					
DEPARTMENT OF HEALTH & HUMAN SERVICES	6128-1009-02-A	Voice as a Biomarker of Health: Building an ethically sourced, bio-acoustic database to understand diseases like never before	93.310	352,042	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	6128-1009-11-A	Voice as a Biomarker of Health: Building an ethically sourced, bio-acoustic database to understand diseases like never before	93.310	22,977	-
		Total for University of South Florida		**375,019**	**-**

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
Stanford University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	63487395-282925	Molecular Imaging for diagnosis and monitoring of Otitis media	93.173	50,980	-
		Total for Stanford University		**50,980**	**-**
Cold Spring Harbor Laboratory					
DEPARTMENT OF HEALTH & HUMAN SERVICES	65300112/PO#: 921072-SV	High-throughput approaches to local and long-range synaptic connectivity	93.242	1,881	-
		Total for Cold Spring Harbor Laboratory		**1,881**	**-**
University of California-San Diego					
DEPARTMENT OF HEALTH & HUMAN SERVICES	704347	Reverse Engineering the Brain Stem Circuits that Govern Exploratory Behavior	93.853	-11	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	706254	Harnessing iron acquisition to hinder enterobacterial pathogenesis	93.855	207,320	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	706653	Macrophage-targeting Nanoplatforms as Immunotherapy against Pulmonary Infections	93.855	231,655	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	707094	High- and low-level computations for coordination of orofacial motor actions	93.372	669,880	-
		Total for University of California-San Diego		**1,108,844**	**-**
University of California - Santa Cruz					
DEPARTMENT OF HEALTH & HUMAN SERVICES	A00-0876-S001	Vibrio cholerae biofilms: structure, function, regulation and role in infection	93.855	-382	-
		Total for University of California - Santa Cruz		**-382**	**-**
Duke University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	A032777	Project 3: Chemical Probe Discovery for PAX3-FOXO1	93.393	71,398	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	A034481	Using Genetic Tools to Dissect Neural Circuits for Social Communication	93.242	-15,580	-
		Total for Duke University		**55,818**	**-**
University of California/Davis					
DEPARTMENT OF HEALTH & HUMAN SERVICES	A19-1044-S004	Recombinant Immunolabels for Nanoprecise Brain Mapping Across Scales	93.853	789	-
		Total for University of California/Davis		**789**	**-**
Praevium Research Inc.					

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DEPARTMENT OF HEALTH & HUMAN SERVICES	AGMT DATED 06/13/2024	SBIR Phase I Swept source retinal visible optical coherence tomography using broadband frequency doubling of MEMS-VCSELs	93.867	10	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	AGMT DTD 9/17/2018	SBIR Phase I: Low-cost and high performance MEMS-VCSEL technology for next generation swept source optical coherence tomography and microscopy	93.394	-2,144	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	SBIR DATED 2/1/25	TFLN SHG for Tunable VCSEL	93.867	20,542	-
		Total for Praevium Research Inc.		**18,408**	**-**
Health Resources in Action					
DEPARTMENT OF HEALTH & HUMAN SERVICES	AGREEMENT DTD 10/25/2023	Data Science Internship Program	93.310	31,253	-
		Total for Health Resources in Action		**31,253**	**-**
University of Pittsburgh					
DEPARTMENT OF HEALTH & HUMAN SERVICES	AWD00001777 (133980-1)	Motor cortical signaling of impedance during manipulation	93.853	74,553	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	AWD00004831 (139510-2)	Identification of TDP-43 modifiers through single-cell transcriptional and epigenomic dissection of ALS and FTLD-MND	93.853	50,237	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	AWD00004831 (200094-2)	Identification of TDP-43 modifiers through single-cell transcriptional and epigenomic dissection of ALS and FTLD-MND	93.853	566,893	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	AWD00008090 (139597-3)	Genetic and hypoxic control of a lncRNA axis orchestrates endothelial reprogramming in pulmonary hypertension	93.838	29,995	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	AWD00008239 (139572-2)	Endothelial Dysfunction and Restoration in Trauma Induced Coagulopathy	93.839	551,725	-
		Total for University of Pittsburgh		**1,273,403**	**-**
Boston Children's Hospital					
DEPARTMENT OF HEALTH & HUMAN SERVICES	GENFD0001734192	Novel MRI Assessment of Placental Structure and Function Throughout Pregnancy	93.865	599	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	GENFD0002152100	Fetal MRI: robust self-driving brain acquisition and body movement quantification	93.286	246,914	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	GENFD0002214909	Molecular Circuits in the Hematopoietic Stem Cell Niche	93.847	269,581	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	GENFD0002214909/GENFD0002058190/GENFD0001889843	Molecular Circuits in the Hematopoietic Stem Cell Niche	93.847	24,409	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	GENFD0002600292	Developing novel MR tools to optimize surgical planning and fetal outcome in TTTS	93.865	252,624	-

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DEPARTMENT OF HEALTH & HUMAN SERVICES	GENFD0002607802	ARRA - Functional Characterization of Cell Surface RNA Biology.	93.310	141,624	-
		Total for Boston Children's Hospital		**935,751**	**-**
University of Virginia					
DEPARTMENT OF HEALTH & HUMAN SERVICES	GR013362.SUB00000063	Multi-scale model of microbial phenotype modulation by mucins	93.855	112,278	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	GR100645.SUB00000113	Discover the signaling basis for OPC homeostasis	93.853	21,260	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	GR102273.SUB00000788	A synthetic toolkit for the recombinant production of tyrosine phosphorylated proteins and peptides	93.396	38,684	-
		Total for University of Virginia		**172,222**	**-**
Massachusetts Eye and Ear Infirmary					
DEPARTMENT OF HEALTH & HUMAN SERVICES	GR1000864-S02	Advancement of an Implantable Microphone	93.173	444	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUBAWARD NO. 530673	Implantable Microphones for Fully Implantable Hearing Prosthetics	93.173	57,791	-
		Total for Massachusetts Eye and Ear Infirmary		**58,235**	**-**
Roswell Park Comprehensive Cancer Center					
DEPARTMENT OF HEALTH & HUMAN SERVICES	HRI CONTRACT# 521-01	Targeting complement to enhance antitumor immunity and control malignant effusions in patients with recurrent epithelial ovarian cancer	93.395	26,152	-
		Total for Roswell Park Comprehensive Cancer Center		**26,152**	**-**
Mayo Clinic					
DEPARTMENT OF HEALTH & HUMAN SERVICES	MAS-289763 / PO# P001889482	Center of Innovation for Brain Tumor Therapeutics	93.395	31,192	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	MAS-324853/P000948545	INTEGRATION OF MECHANICAL AND MOLECULAR CUES DURING DISTAL LUNG DEVELOPMENT	93.838	19,694	-
		Total for Mayo Clinic		**50,886**	**-**
MicroBrightField, Inc					
DEPARTMENT OF HEALTH & HUMAN SERVICES	MH124566-01A1	NeuroExM	93.242	40,963	-
		Total for MicroBrightField, Inc		**40,963**	**-**
Max Planck Florida Institute for Neuroscience (MPFI)					

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DEPARTMENT OF HEALTH & HUMAN SERVICES	MIT2025LT1	Mutiplex imaging in vivo with an extend color-palette of neuromodulator sensors	93.372	69,510	-
		Total for Max Planck Florida Institute for Neuroscience (MPFI)		**69,510**	**-**
European Bioinformatics Institute					
DEPARTMENT OF HEALTH & HUMAN SERVICES	MIT-4559-04	GENCODE: comprehensive reference genome annotation for human and mouse	93.172	141,573	-
		Total for European Bioinformatics Institute		**141,573**	**-**
University of Massachusetts Medical Center					
DEPARTMENT OF HEALTH & HUMAN SERVICES	OSP33133-02	Center for 3D Structure and Physics of the Genome	93.310	190,615	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	OSP33133-03	Center for 3D Structure and Physics of the Genome	93.310	168,494	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUB00000076/PO# #WA01556657	Develop combinatorial non-viral and viral CRISPR delivery for lung diseases	93.310	55,663	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUB00000139	A systems immunology approach to evaluate malaria vaccine performance in endemic regions of Kenya	93.855	60,734	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUB00000538	Systems Genetics of Tuberculosis	93.855	111,410	-
		Total for University of Massachusetts Medical Center		**586,916**	**-**
Memorial Sloan-Kettering Cancer Center					
DEPARTMENT OF HEALTH & HUMAN SERVICES	PO# C22707510	A Mechanoimmunological Basis for Metastatic Site Preference	93.396	138,588	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUBAWARD# MSKSUB00000307 / PO# C22572372	Hypoxia determines cell fate in pancreatic cancer	93.396	288,343	-
		Total for Memorial Sloan-Kettering Cancer Center		**426,931**	**-**
University of Massachusetts					
DEPARTMENT OF HEALTH & HUMAN SERVICES	PO# WA01675753, SUB00000103	ReproNim: A Center for Reproducible Neuroimaging Computation	93.286	251,402	-
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUB00000344/PO#WA01465914	Structural Annotation of the Human Genome	93.172	90,191	-
		Total for University of Massachusetts		**341,593**	**-**
University of Maryland					

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DEPARTMENT OF HEALTH & HUMAN SERVICES	PO#1000001612/SUBAWARD F301577-1	Internal Dynamics of the Postsynaptic Density	93.242	15,489	-
		Total for University of Maryland		**15,489**	**-**
New York University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	PO#M220565946/21-A1-00-1006306	Chromatin architecture as a regulator of dendritic cell function	93.855	102,593	-
		Total for New York University		**102,593**	**-**
University of California-Riverside					
DEPARTMENT OF HEALTH & HUMAN SERVICES	S-001090	RAPs-mediated post-transcriptional control in Apicomplexan parasites	93.855	45,834	-
		Total for University of California-Riverside		**45,834**	**-**
Pennsylvania State University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	S003298-DHHS	SCH: AI-Enhanced Multimodal Sensor-on-a-chip for Alzheimer's Disease Detection	93.866	26,557	-
		Total for Pennsylvania State University		**26,557**	**-**
University of Texas - Houston					
DEPARTMENT OF HEALTH & HUMAN SERVICES	SA0004497	Digital biomarker for a low cost ambulatory test for early detection of Alzheimer's disease	93.866	28,671	-
		Total for University of Texas - Houston		**28,671**	**-**
Ension, Inc.					
DEPARTMENT OF HEALTH & HUMAN SERVICES	STTR EFFECTIVE 06/16/2020	Magnetic Levitation Motor for Pediatric Cardiac and Cardiopulmonary Therapies	93.837	-279	-
		Total for Ension, Inc.		**-279**	**-**
University of Massachusetts Medical School					
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUB00000327 / PO# WA01556352	Microneedle patches for monitoring autoimmune skin disease	93.855	16,301	-
		Total for University of Massachusetts Medical School		**16,301**	**-**
University of Rochester					
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUB00000634/URFAO:GR533986	Neural circuit control of fluid and solute clearance during sleep	93.853	230,352	104,185
		Total for University of Rochester		**230,352**	**104,185**

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Rutgers University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUB00002858	Synthesizability-constrained expansion and multi-objective evolution of antitubercular compounds	93.855	3,140	-
		Total for Rutgers University		**3,140**	**-**
Princeton University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUB0000762	Mechanisms of neural circuit dynamics in working memory and decision making	93.853	10,146	-
		Total for Princeton University		**10,146**	**-**
Cleveland Clinic Foundation					
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUBAWARD # CCF23922443	Genetic Dissection of Stress Responses in Shwachman-Diamond Syndrome	93.847	148	-
		Total for Cleveland Clinic Foundation		**148**	**-**
Portland State University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUBAWARD 100254	7-deazaguanines in DNA: mechanism and structure of complex genome modification	93.859	53,304	-
		Total for Portland State University		**53,304**	**-**
University of Michigan					
DEPARTMENT OF HEALTH & HUMAN SERVICES	SUBK00020894	Ultra-high resolution 3D genome maps for multiple human tissues	93.310	89,491	-
		Total for University of Michigan		**89,491**	**-**
Mbarara University of Science and Technology					
DEPARTMENT OF HEALTH & HUMAN SERVICES	U54TW012043	From medical images to healthcare practice: data science for improved clinical outcomes and impact across sub-Saharan Africa	93.310	33,167	-
		Total for Mbarara University of Science and Technology		**33,167**	**-**
University of Texas Health Science Center					
DEPARTMENT OF HEALTH & HUMAN SERVICES	UTH210987	Digital biomarkers for a low cost ambulatory test for early detection of Alzheimer's disease	93.866	6,439	-
		Total for University of Texas Health Science Center		**6,439**	**-**
University of Washington					
DEPARTMENT OF HEALTH & HUMAN SERVICES	UWSC11889 / PO#48380	Genetic, Metabolic and Regulatory Control of MIC and Relapse in M. tuberculosis	93.855	82,773	-

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DEPARTMENT OF HEALTH & HUMAN SERVICES	UWSC12292 BPO: 51861	Optogenetics to improve hand function after spinal cord injury	93.853	12,784	-
		Total for University of Washington		**95,557**	**-**
Vanderbilt University Medical Center					
DEPARTMENT OF HEALTH & HUMAN SERVICES	VUMC113726	Interactions Between the Microbiota and Helicobacter pylori in Gastric Carcinogenesis	93.396	502,753	-
		Total for Vanderbilt University Medical Center		**502,753**	**-**
Vanderbilt University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	VUMC77355	The role of distinct cancer stem cell populations in colorectal cancer	93.397	-66	-
		Total for Vanderbilt University		**-66**	**-**
Washington University					
DEPARTMENT OF HEALTH & HUMAN SERVICES	WU-21-57	Multiscale models of fibrous interface mechanics	93.846	64,806	-
		Total for Washington University		**64,806**	**-**
		TOTAL for Department of Health & Human Services		**27,362,260**	**104,185**

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DEPARTMENT OF HOMELAND SECURITY					
Dewberry Engineers Inc.					
DEPARTMENT OF HOMELAND SECURITY	P.O. 2004795	Hawaii Temporary Housing Market Research	97.RD	201,741	-
		Total for Dewberry Engineers Inc.		**201,741**	**-**
Pennsylvania State University					
DEPARTMENT OF HOMELAND SECURITY	SA23-20	Large Area, Wide Band Gap, Highly Sensitive Polycrystalline Radiation Detectors Fabricated by Novel Field Assisted Sintering Technology (FAST) and Manufacturing	97.077	97,528	-
		Total for Pennsylvania State University		**97,528**	**-**
		TOTAL for Department of Homeland Security		**299,269**	**-**

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DEPARTMENT OF TRANSPORTATION					
University of Massachusetts					
DEPARTMENT OF TRANSPORTATION	017775-9080	UTC2022 Promoting Safety	20.701	242,180	-
		Total for University of Massachusetts		**242,180**	**-**
Johns Hopkins University					
DEPARTMENT OF TRANSPORTATION	2006078947	Center for Climate-Smart Transportation	20.701	262,453	-
		Total for Johns Hopkins University		**262,453**	**-**
Maine Department of Transportation					
DEPARTMENT OF TRANSPORTATION	28828	A Pedestrian Volume Model for Maine Towns	20.205	16,791	-
		Total for Maine Department of Transportation		**16,791**	**-**
Boston University					
DEPARTMENT OF TRANSPORTATION	4500003246	ASCENT Project 3 - Cardiovascular Disease and Aircraft Noise Exposure - Impacts of Aircraft Noise Exposure on Business Activities	20.RD	48,400	-
		Total for Boston University		**48,400**	**-**
Utah Department of Transportation					
DEPARTMENT OF TRANSPORTATION	AGMT DTD 04/06/2022	Connected Traffic Signal Corridor Operations	20.RD	-42	-
		Total for Utah Department of Transportation		**-42**	**-**
		TOTAL for Department of Transportation		**569,782**	**-**

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MISCELLANEOUS FEDERAL GOVT					
Battelle Memorial Institute					
MISCELLANEOUS FEDERAL GOVT	0000870102	Support the Defense Advanced Research Projects Agency (DARPA) BRACE program	12.RD	309,235	119,142
		Total for Battelle Memorial Institute		**309,235**	**119,142**
University of Tennessee					
MISCELLANEOUS FEDERAL GOVT	A24-0028-S001	CLEAR TNT: CLEaning And Reporting TNT	12.910	866,168	-
		Total for University of Tennessee		**866,168**	**-**
Revive & Restore					
MISCELLANEOUS FEDERAL GOVT	AGREEMENT DATED 8/1/23	VIP Ferrets	15.657	184,597	-
		Total for Revive & Restore		**184,597**	**-**
University of Southern California					
MISCELLANEOUS FEDERAL GOVT	SCON-00006469	SCEC Research Collaboration at Massachusetts Institute of Technology	15.808	36,605	-
MISCELLANEOUS FEDERAL GOVT	SCON-00007148	Squeezed Light Detector using Integrated Quadratically Nonlinear Photonic Molecules	12.910	130,538	-
		Total for University of Southern California		**167,143**	**-**
University of California - Berkeley					
MISCELLANEOUS FEDERAL GOVT	00011936 / PO BB01925905	Wetland Regulation and US Rural Economic Development	10.310	32,979	-
		Total for University of California - Berkeley		**32,979**	**-**
Tufts University					
MISCELLANEOUS FEDERAL GOVT	104049-00001:AG0032;EP0210852	Integrated Approaches to Enhance Sustainability, Resiliency and Robustness in US Agri-Food Systems: Enabling cellular agriculture with cross-disciplinary approaches	10.310	113,171	-
		Total for Tufts University		**113,171**	**-**
University of Connecticut					
MISCELLANEOUS FEDERAL GOVT	177547912	Rebooting the Northeast Aquaculture Extension Network: A Skills Training and Mentorship Program for Extension Professionals	11.417	10,154	-
		Total for University of Connecticut		**10,154**	**-**
RTI International					
MISCELLANEOUS FEDERAL GOVT	1-312-0217117-65876L	Economy-Wide Modeling of Energy/Environment Policy Scenarios	66.RD	168,261	-

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FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
		Total for RTI International		**168,261**	**-**
Virginia Polytechnic Institute & State University					
MISCELLANEOUS FEDERAL GOVT	451767-19825	Enabling real-time, low-cost measurement of hazardous air pollutants	66.509	7,112	-
		Total for Virginia Polytechnic Institute & State University		**7,112**	**-**
Synensys, LLC					
MISCELLANEOUS FEDERAL GOVT	AGMT EFF 06/25/24	Event Set Hierarchy Safety Management System (SMS) Study	93.RD	334,625	-
		Total for Synensys, LLC		**334,625**	**-**
Tennessee Tech					
MISCELLANEOUS FEDERAL GOVT	BL180387815	Towards a repository of generative models of grid to aid digital twin like simulations	23.002	645,158	-
		Total for Tennessee Tech		**645,158**	**-**
		TOTAL for Miscellaneous Federal Govt		**2,838,603**	**119,142**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION					
Brown University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	00002386	Lunar Structure, Composition, and Processes for Exploration LunaSCOPE	43.003	999	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	00002574	Lunar Structure, Composition, and Processes for Exploration LunaSCOPE	43.003	11,406	-
		Total for Brown University		**12,405**	**-**
University of California, Los Angeles					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	10000000146405	Star Formation in the Early Universe via the Stream Velocity in the Era of JWST	43.001	44,896	-
		Total for University of California, Los Angeles		**44,896**	**-**
Northern Arizona University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1005096-01	The MIT-Hawaii Near Earth Object Spectroscopic Survey	43.001	26,852	-
		Total for Northern Arizona University		**26,852**	**-**
University of Illinois-Urbana Champaign					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	109694-19065	Robust and Resilient Autonomy for Advanced Air Mobility	43.002	125,230	-
		Total for University of Illinois-Urbana Champaign		**125,230**	**-**
Purdue University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	12000414-018	The role of boreal wildfires in the global carbon budget: A process-based analysis using satellite-derived fire burn severity data	43.001	8,142	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	12000416-003	The evolution of planetary crusts through lunar gravity and topography	43.001	1,799	-
		Total for Purdue University		**9,941**	**-**
University of Scranton					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	121625	Enabling Space Weather Research with Global Scale Amateur Radio Datasets	43.001	31,818	-
		Total for University of Scranton		**31,818**	**-**
CalTech - Jet Propulsion Lab					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1283622	Voyager Interstellar Mission (VIM) Plasma Science	43.RD	299,570	-

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1532689	EUROPA - MISE Co-I Subcontract	43.RD	17,682	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1686358	ECCO: Connecting NASA Ocean, Cryosphere, and Biogeochemistry Observations to Support National Climate Policy	43.001	77,767	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1715090	Europa MISE Science Phase E	43.RD	6,836	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1718087	Guiding the search for signals of biological and prebiotic processes by the NASA Mars 2020 Rover mission (New Sci Team)	43.RD	2,329	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	CREI 1576768	Psyche - JPL	43.RD	446,889	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SUBCONTRACT NO. 1510842	Soil Moisture Science and Product Development	43.RD	227,462	-
		Total for CalTech - Jet Propulsion Lab		**1,078,535**	**-**
Applied Physics Lab of Johns Hopkins					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	130359	Europa Imaging System (EIS)	43.RD	18,937	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	174756	Dragonfly	43.RD	30,085	-
		Total for Applied Physics Lab of Johns Hopkins		**49,022**	**-**
University of California-San Diego					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	130808869 (S9002606)	Routes of the upper limb of the global overturning circulation	43.001	11,760	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	705999	Sensitive age-activity relations for old main sequence stars: X-ray emission beyond 1 Gyr	43.001	37,534	-
		Total for University of California-San Diego		**49,294**	**-**
University of Colorado Boulder					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1561486 / PO 1001608250	Spatio-temporal evolution of thermospheric O/N2: Its drivers and impacts	43.001	20,949	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1561997; PO# 1001641238	Development of the Space Ultraviolet Multi-object Observatory (SUMO) Concept and Spectrograph	43.001	2,939	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SUBCONTRACT NO. 1565808	Dynamical Neutral Atmosphere-Ionosphere Coupling (DYNAMIC)	43.001	5,480	-
		Total for University of Colorado Boulder		**29,368**	**-**
Johns Hopkins University					

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	157497	Establishing the Presence of Ethane in Titan's Lakes	43.001	5,077	-
		Total for Johns Hopkins University		**5,077**	**-**
Planetary Science Institute					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1780-MIT	Studying small-body atmospheres through stellar occultations	43.001	29,891	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1890-MIT	Investigating the Geophysical Control of 67P/Churyumov-Gerasimenko's Outburst Plumes	43.001	110,454	-
		Total for Planetary Science Institute		**140,345**	**-**
University of Texas at Arlington					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	2021GC2752	Study of multi-scale forcing impact on the Ionosphere-Thermosphere system: Support from physical models and observations	43.001	48,747	-
		Total for University of Texas at Arlington		**48,747**	**-**
San Jose State University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	21-1509-6693-MIT	Closing the carbon cycle loop: Quantifying land-to-sea carbon fluxes	43.001	19,078	-
		Total for San Jose State University		**19,078**	**-**
Spectral Sciences, Incorporated					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	3748-001-3026	Understanding Titan's Chemical Factory: Modeling the Formation & Evolution of Titan's Hazes	43.RD	10,809	-
		Total for Spectral Sciences, Incorporated		**10,809**	**-**
Boston University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	4500004476	Our Heliospheric Shield	43.001	157,416	-
		Total for Boston University		**157,416**	**-**
Boston College					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	5115361-4	Space Weather Research and Technology Applications (SPARTA) Center of Excellence	43.001	73,184	-
		Total for Boston College		**73,184**	**-**
Space Telescope Science Institute					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	51787	JWST Telescope Scientist Investigations - 2	43.001	90,039	-

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-AR-17551.001-A	Unlocking the Stellar Treasure Trove: A Legacy Library of Stellar Hosts' Heterogeneities, Activity, and Spectral Contributions from HST Exoplanet Data	43.001	119,689	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-AR-17566.001-A	Deepest high-inclination pencil-beam survey for Trans-Neptunian objects	43.001	81,746	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-GO-16233.002-A	Jets and disk scattering - Spatially resolved optical and FUV observations of AA Tau (HST 16233)	43.RD	4,847	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-GO-16655.008-A	Betelgeuse: An Iconic and Surprising Red Supergiant	43.RD	4,896	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-GO-16664.002-A	A repeating fast radio burst in a globular cluster at 3.6 Mpc. (HST-GO-16664)	43.001	-140	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-GO-16689.001-A	Using STIS ultraviolet spectroscopy to understand the physical properties, evolution, and structure of white dwarfs in sixteen newly discovered ultracompact binaries (HST-GO-16689)	43.001	28,430	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-GO-16875.002-A	Reconnaissance Transmission Spectroscopy of the BEST Temperate Mini-Neptune for Atmospheric Characterisation	43.RD	12,361	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-GO-17166.005-A	Fission of Transuranic Nuclei: A Potential Observational Signature in Metal-Poor Stars (HST-GO-17166)	43.RD	113	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-HF2-51477.001-A	Unveiling the local stellar graveyard (HST-HF2-51477; Postdoc Fellow Kishalay De)	43.001	40,587	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-HF2-51533.001-A	Towards a Robust, Multi-Wavelength View of Cosmic Dawn: New Bayesian Tools for a Systematics-Robust 21 cm Detection and Cross-Correlation (HST-HF2-51533; Fellow: Nick Kern)	43.001	14,353	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-AR-03593.001-A	Towards Solving the Stellar Inhomogeneity Contamination of Exoplanet Transmission Spectra Problem with Star Spot and Faculae Spectra	43.RD	67,741	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-AR-05370.001-A	Eyes on the Stars: A JWST Population Survey of Exoplanet Host Star Heterogeneities and Spectral Contributions to Transits	43.001	8,907	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-02092.002-A	Unveiling stellar birth in a cosmologically common cradle	43.RD	32,350	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-02439.001-A	Resolving the Cooling Flow at the Center of the Phoenix Cluster (JWST GO-02439)	43.RD	27,705	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-02507.010-A	Thermal Emission from the First Planet Transiting a White Dwarf(JWST GO-02507)	43.RD	45,166	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-03017.006-A	High-resolution imaging of a compact lensed quasar at z=5.07 and a compound (JWST-GO-03017)	43.001	45,679	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-03077.007-A	TRAPPIST-1 Planets: Atmospheres or not	43.001	20,274	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-03079.001-A	BEES: Black hole Extended Emission Search (JWST-GO-03079)	43.001	234,346	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-03117.001-A	Mapping Quasar Light Echoes with Lyman-alpha Forest Tomography during the Epoch of Reionization (JWST-GO-03117)	43.001	129,328	-

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-03254.002-A	Direct detection of kinematically-detected protoplanet candidates	43.001	29,013	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-03385.002-A	The first comparative atmospheric study of a Jovian planet and a sub-Neptune in the TOI-1130 system (JWST-GO-03385)	43.001	8,714	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-03516.022-A	All the Little Things: Pop III Signatures & the Ionizing Photon Budget of Dwarf Galaxies in the Epoch of Reionization (JWST-GO-03516)	43.001	37,342	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-03615.002-A	Exploring the boundary between rocky and gaseous planets with WASP-47 e (JWST-GO-03615)	43.001	27,170	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-03621.002-A	Confirming a Giant Planet Around the White Dwarf GD 140 (JWST-GO-03621)	43.001	29,957	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-03696.011-A	A population of hidden tidal disruptions in the local universe: Revealing the energetics of the most luminous infrared transients with JWST (JWST-GO-03696)	43.001	65,445	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-04554.019-A	Revealing the progenitor of the dirty fireball gamma-ray burst AT 2023lcr through its supernova component (JWST-GO-04554)	43.001	12,203	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-04713.001-A	MASQUERADE: Mapping a Super-luminous Quasar?s Extended Radiative Emission (JWST-GO-04713)	43.001	52,953	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-05204.006-A	Probing the Dynamical History and the Mid-IR SED of WD 1856b (JWST-GO-05204)	43.001	2,327	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-05224.006-A	Mirage or Miracle? Spectroscopic Confirmation of Remarkably Luminous Galaxies at z>10 (JWST-GO-05224)	43.001	4,451	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-05381.005-A	Unveiling the compact object and stellar populations of globular clusters Terzan 5 and Liller 1 (JWST-GO-05381)	43.RD	9,332	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-05407.024-A	MEOW: The MIRI Early Obscured-AGN Wide Survey (JWST-GO-05407)	43.RD	43,909	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-05594.013-A	JWST Cluster SLICE - Strong LensIng and Cluster Evolution (JWST-GO-05594)	43.RD	35,317	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-05664.002-A	Dissecting Little Red Dots: the connection between early SMBH growth and cosmic reionization (JWST-GO-05664)	43.001	55,644	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-05894.006-A	Comparative Atmospheric Planetology With the Three Large, Close-in Planets of TOI-4010 (JWST-GO-05894)	43.001	35,415	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JWST-GO-05959.018-A	KRONOS: Keys to Revealing the Origin and Nature Of sub-neptune Systems	43.001	10,930	-
		Total for Space Telescope Science Institute		**1,468,539**	**-**
Stanford University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	62467927-176172	Safe Aviation Autonomy with Learning-Enabled Components in the Loop	43.002	57,547	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	62785990-214339	Next-generation event characterization for X-ray imaging observatories	43.001	118,878	-

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	63043778-249824	X-Ray Speed-Reading: Integrated Readout Technology for Fast, Very Low-Noise, Megapixel X-Ray Imaging Detectors	43.001	218,108	-
		Total for Stanford University		**394,533**	**-**
University of Arizona					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	656500	Alien Earths: Which Nearby Planetary Systems are Likely to Host Habitable Worlds and Life?	43.001	209,566	-
		Total for University of Arizona		**209,566**	**-**
Combustion Research & Flow Technology, Inc.					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	80NSSC21C0619/C841	Development and Implementation of Sub-grid Boiling Models into NASA Commercial Codes	43.RD	7,844	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	80NSSC23CA206/C890	Phase III - Flow Boiling Experiments in Microgravity with Liquid Nitrogen	43.001	6,720	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SBIR UNDER 80NSSC20C00195/C805	Simulation of chilldown Process with a Sub-Grid Boiling Model - Phase II and II-E	43.RD	6,122	-
		Total for Combustion Research & Flow Technology, Inc.		**20,686**	**-**
Woods Hole Oceanographic Institution					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	A101469	Exploring Ocean Worlds: Ocean System Science to Support the Search for Life	43.001	282,359	-
		Total for Woods Hole Oceanographic Institution		**282,359**	**-**
Rensselaer Polytechnic Institute					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	A25-0035-001/P0358406	Compact Delay Lines for Space Interferometry	43.001	54,948	-
		Total for Rensselaer Polytechnic Institute		**54,948**	**-**
Electra.aero					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AGMT DATED 02/20/2025	Advanced Aircraft Concepts for Environmental Sustainability (AACES) 2050	43.RD	96,249	-
		Total for Electra.aero		**96,249**	**-**
ESPACE					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AGMT DTD 08/12/2024	Precision Ion Nano-Thruster (PINT)	43.RD	219,907	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AGMT DTD 1/26/2021	Bimodal Ion-Chemical Thruster System	43.RD	272,316	-
		Total for ESPACE		**492,223**	**-**

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Aurora Flight Sciences Corporation					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AGMT DTD 11/08/2024	Integrated Advanced Concepts for Sustainability (CLIN 001)	43.RD	6,200	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AGMT DTD 11/08/2024	Integrated Advanced Concepts for Sustainability (CLIN 002)	43.RD	56,673	-
		Total for Aurora Flight Sciences Corporation		**62,873**	**-**
NumFOCUS, Inc.					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AGMT DTD 12/06/2024	Astropy: User and Developer Support and maintenance	43.RD	11,376	-
		Total for NumFOCUS, Inc.		**11,376**	**-**
Applied NanoFemto Technologies, LLC					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AGMT DTD 9/14/2021	Photonics integrated circuits enabled miniature on-chip urine test system	43.RD	-614	-
		Total for Applied NanoFemto Technologies, LLC		**-614**	**-**
Little Prairie Services					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AGMT DTD. 04/26/2022	NTR Fuel Testing in MIT Reactor Facilities	43.RD	189,752	-
		Total for Little Prairie Services		**189,752**	**-**
LyteChip, Inc					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AGREEMENT DATED 11/1/2022	High-Performance On-chip Spectrometer for Space Applications	43.RD	41,597	-
		Total for LyteChip, Inc		**41,597**	**-**
Smithsonian Inst. - Astrophysical Observatory					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AR2-23001X	Investigating the Role of X-ray Photoevaporation and Absorption in Spatially-resolved Circumstellar Disks (Chandra 23200443)	43.001	6,368	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AR3-24001X	Stellar activity with TESS and Chandra (Chandra 24200155)	43.001	18,827	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	DD0-21125X	Investigating the vertical structure of the disc wind in Her X-1 (Chandra 21408743)	43.001	4,411	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	DD1-22134X	Chandra grating observations of a newly launched outflow from a supermassive black hole during an outburst (Chandra 22708788)	43.001	1,876	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	DD2-23138X	Disk winds in IGR J17091-3624 in the exotic variability state (Chandra 23408847 DDT)	43.001	1,610	-

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO1-22007X	The power of space: Simultaneous X-ray and UV monitoring if an accretion low-mass star (Chandra 22200086)	43.001	-2,314	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO1-22011X	Did RW Aur just swallow an iron-rich planet? (Chandra 22200232)	43.001	35,075	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO1-22033A	The stellar wind of the B supergiant V662 Cas: smooth and cool. (Chandra 22400297)	43.001	266	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO1-22130A	UNVEILING THE INTRA-CLUSTER MEDIUM PROPERTIES OF THE MOST MASSIVE GALAXY CLUSTERS AT z > 0.9 (Chandra 22800459)	43.001	-1,826	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO1-22131A	Building a Legacy Progenitor-Selected Cluster Sample at z>1 (Chandra 22800462)	43.001	-3,059	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO2-23008A	Young Massive Stars and Cores in the Trifid Nebula Center (Chandra 23200124)	43.RD	9,253	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO2-23014A	A 14 minute orbital period direct impact accretor (Chandra 23300558)	43.001	3,357	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO2-23034A	An optically discovered hour orbital period black widow candidate in a hierarchical triple (Chandra 23400545)	43.001	3,356	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO2-23117X	A Low-z Anchor Sample for Cluster Evolutionary Studies (Chandra 23800272)	43.001	2,436	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO3-24002A	Probing Plasmas in the Colliding Wind Binary WR 25 (Chandra 24200045)	43.001	3,244	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO3-24004A	Characterizing the Energetics and Dynamics of V750 Ara, a gamma Cas-type Star (Chandra 24200128)	43.001	19,647	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO3-24005X	What happens after a stellar merger? (Chandra 24200140)	43.001	5,847	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO3-24018A	Winds, disks, streams and spots: deciphering Cen X-3 during a rare low state (Chandra 24400094)	43.001	1,751	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO3-24040X	A Test to Establish that SS 433 is an Ultraluminous X-ray Source (Chandra 24400466)	43.001	9,169	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO3-24111B	Chandra and XMM-Newton Observations of the Most Extreme z > 1.25 ACTPol Survey Clusters (Chandra 24800278)	43.001	5,639	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO3-24116A	Studying a Co-Evolving Cluster Population over 9 Gyr with Chandra (Chandra 24800375)	43.001	78,848	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO3-24123B	Properties of dust along the line of sight of Cygnus X-1 (Chandra 24910168)	43.001	14,386	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO4-25075A	Chandra/ACIS observations to confirm the X-ray cutoff from a repeating partial tidal disruption event (Chandra 25700383)	43.001	6,822	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO4-25080X	Chandra Observations of a Star-Bursting Cluster of Galaxies at z=1.034 (Chandra 25800083)	43.001	4,238	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO4-25083X	THE CLUSTER EVOLUTION REFERENCE ENSEMBLE AT LOW-Z (CEREAL): A LOW-MASS EXTENSION (Chandra 25800174)	43.001	101,777	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO4-25089X	Exploring the virial radius of a cool-core cluster, Abell 3112 (Chandra 25800307)	43.001	33,283	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO4-25099X	Electron heating mechanism behind the equatorial shock (Chandra 25800327)	43.001	27,384	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GO9-20117A	Studying the Progenitors of Our Favorite Clusters at z > 1 (Chandra 20800438)	43.001	-18	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SV0-09018	Technology Development of High Speed CMOS Detectors and Multilayer Mirrors for Dynamic Solar Soft X-ray Spectral Imaging	43.001	40,860	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SV2-82023	ACIS Science Support for the Chandra Program	43.RD	72,591	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SV3-73016	Support of the Chandra X-Ray Center (CXC)	43.RD	3,162,928	-
		Total for Smithsonian Inst. - Astrophysical Observatory		**3,668,032**	**-**
Georgia Institute of Technology					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AWD-003322-G1	Electronic Life-detection Instrument for Enceladus/Europa (ELIE)	43.001	4,139	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	AWD-003577-G5	Lowering Emissions and Environmental Impact from Civil Supersonic Transport	43.002	7,517	-
		Total for Georgia Institute of Technology		**11,656**	**-**
New York University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	F2687-01	Leveraging machine learning, realistic simulations, and in-situ observations to infer submesoscale transport from SWOT	43.001	18,312	-
		Total for New York University		**18,312**	**-**
Colorado State University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	G-41115-01	Satellites for Environmental Justice for Carceral Landscapes	43.001	139,202	-
		Total for Colorado State University		**139,202**	**-**
Center for Advancement of Science in Space					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GA-2023-9306	2D-Conductive Metal-Organic Frameworks Crystal Growth in Microgravity	43.007	1,175	-
		Total for Center for Advancement of Science in Space		**1,175**	**-**
Embry-Riddle Aeronautical University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	GC61559-S6	Sporadic-E ElectroDynamics	43.001	56,184	-

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		Total for Embry-Riddle Aeronautical University		**56,184**	**-**
Southwest Research Institute					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	K99059JRG	Lucy Phase B	43.RD	99,559	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	N99069EH	Wave-mean interaction in Pluto's atmosphere	43.001	4,280	-
		Total for Southwest Research Institute		**103,839**	**-**
University of New Hampshire					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	P0176079	Improved Spectropolarimetric Analysis of IXPE Data	43.001	39,332	-
		Total for University of New Hampshire		**39,332**	**-**
Atmospheric and Environmental Research, Incorporated					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	P2588-01	Profiling Temperature and Water Vapor in the Planetary Boundary Layer using GNSS RO in Data Assimilation	43.001	76,133	-
		Total for Atmospheric and Environmental Research, Incorporated		**76,133**	**-**
Baylor College of Medicine					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	P700000498	Transitional Research Institute	43.003	640,900	227,291
		Total for Baylor College of Medicine		**640,900**	**227,291**
Lincoln Laboratory					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	PO #7000620937	Back-Illuminated Germanium Charge-Coupled Devices with Broadband X-Ray Sensitivity	12.RD	65,127	-
		Total for Lincoln Laboratory		**65,127**	**-**
Michigan State University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	RC114560MIT	Development of Global High-Resolution Soil Moisture Using a Data-Driven Approach for the NISAR Mission	43.001	12,306	-
		Total for Michigan State University		**12,306**	**-**
Analytical Mechanics Associates, Inc.					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	RS-00148	Reconfigurable filters based on phase change materials for aerospace applications	43.RD	-7,053	-
		Total for Analytical Mechanics Associates, Inc.		**-7,053**	**-**

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Pennsylvania State University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	S001534-NASA	MIT Participation in a U.S. Contribution to the ATHENA Wide-field Imager	43.001	70,544	-
		Total for Pennsylvania State University		**70,544**	**-**
Agile Space Industries Inc.					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SC-002-2024-PB212	Refractory Metals and Advanced Coatings for Radiatively Cooled RDREs	43.RD	3,198	-
		Total for Agile Space Industries Inc.		**3,198**	**-**
Southern California Earthquake Center					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SCON-00005737	Introducing Community Geodetic Model Version 2: moving beyond Ridgecrest	43.001	2,045	-
		Total for Southern California Earthquake Center		**2,045**	**-**
University of Southern California					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SCON-00006537	Including time-dependent 3D deformation and strain in the SCEC Community Geodetic Model: Method comparison and best practices	43.001	25,530	-
		Total for University of Southern California		**25,530**	**-**
University of Florida					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SUB00003179	Direct Modeling of Interstellar Dust in a Cosmological Framework	43.001	97,676	-
		Total for University of Florida		**97,676**	**-**
Princeton University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SUB0000318	MIT Participation in NASA's Interstellar Mapping and Acceleration Probe (IMAP) project (Bridge/Phase B)	43.RD	22,355	-
		Total for Princeton University		**22,355**	**-**
Massachusetts General Hospital					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SUBAWARD 238399	Personalized Performance Optimization Platform (P-POP)	43.003	117,746	-
		Total for Massachusetts General Hospital		**117,746**	**-**
Navajo Technical University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SUBAWARD NTU-42535-01	Broadening Participation in Engineering, Robotics and Computer Science using Zero Robotics on Astrobee	43.008	-2,404	-

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		Total for Navajo Technical University		**-2,404**	**-**
Univ. Corporation For Atmos. Research					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SUBAWD003027 / PO P2019470	Solar Driven Upper Atmosphere Climatology Under the Influence of the Secular Change of Earth's Magnetic Field and Anthropogenic Forcing	43.001	40,741	-
		Total for Univ. Corporation For Atmos. Research		**40,741**	**-**
Arizona State University					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SUBCONTRACT NO. 17-257	Psyche: Journey to a Metal World (ASU)	43.RD	421,343	-
		Total for Arizona State University		**421,343**	**-**
University of Michigan					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SUBK00011438/3005617618	Europa Clipper Facility Magnetometer Phases C&D	43.001	27,399	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SUBK00021058/3008540552	Europa Clipper Facility Magnetometer Phase E	43.RD	52,521	-
		Total for University of Michigan		**79,920**	**-**
University of Texas - Austin					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	UTAUS-SUB00000715	Autonomous Aerial Cargo Operations at Scale	43.001	132,362	-
		Total for University of Texas - Austin		**132,362**	**-**
		TOTAL for National Aeronautics and Space Administration		**11,072,305**	**227,291**

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US AGENCY FOR INTERNATIONAL DEVELOPMENT					
Harvard Kennedy School of Government					
US AGENCY FOR INTERNATIONAL DEVELOPMENT	100890-5119584	Kartu Prakerja Impact Evaluation	98.001	87,860	-
		Total for Harvard Kennedy School of Government		**87,860**	**-**
RTI International					
US AGENCY FOR INTERNATIONAL DEVELOPMENT	1-330-0219186-67389L	USAID/Philippines' New Higher Education Activity	98.001	78,230	-
		Total for RTI International		**78,230**	**-**
Unilab Foundation, Inc					
US AGENCY FOR INTERNATIONAL DEVELOPMENT	SUBAWARD DATED 12-15-2022	Advanced Manufacturing Workforce Development Alliance	98.001	111,792	-
		Total for Unilab Foundation, Inc		**111,792**	**-**
		TOTAL for US Agency for International Development		**277,882**	**-**

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NATIONAL SCIENCE FOUNDATION					
University of Wisconsin					
NATIONAL SCIENCE FOUNDATION	0000002374	ECO-CBET: Modular Electrochemical Processes for Simultaneous Nitrogen Recovery and Carbon Dioxide Mitigation	47.041	193,028	-
		Total for University of Wisconsin		**193,028**	**-**
University of California - Berkeley					
NATIONAL SCIENCE FOUNDATION	00010001/ PO BB01599241	HERA: Unveiling the Cosmic Dawn	47.049	38,771	-
NATIONAL SCIENCE FOUNDATION	00010434	QLCI - CL: Present and Future Quantum Computation	47.049	245,929	-
NATIONAL SCIENCE FOUNDATION	00010462	Collaboration on the Theoretical Foundations of Deep Learning.	47.049	424,301	-
NATIONAL SCIENCE FOUNDATION	00010799	EFRI E3P: Program plastic lifecycle by rationally design enzyme-containing plastics	47.041	162,578	-
NATIONAL SCIENCE FOUNDATION	10462	Collaboration on the Theoretical Foundations of Deep Learning.	47.079	111,830	-
NATIONAL SCIENCE FOUNDATION	SUB 00011488; PO# BB01810184	POSE: Phase II: Building an Open-Source Ecosystem for Deep-Learning Hardware-Software Co-Design	47.084	118,578	-
NATIONAL SCIENCE FOUNDATION	SUBAWARD NO. 00011292	FuSe-TG: Electronic-Photonic Systems-on-Chip for Computation, Communication and Sensing	47.041	46,560	-
		Total for University of California - Berkeley		**1,148,547**	**-**
University of Rhode Island					
NATIONAL SCIENCE FOUNDATION	00010662/102424	ExpandQISE:Track1: Hybrid Solid-State Qubit Systems for Modular Quantum Information Processing	47.049	47,162	-
		Total for University of Rhode Island		**47,162**	**-**
University of Massachusetts - Amherst					
NATIONAL SCIENCE FOUNDATION	018330-9259	Expeditions: Computational Decarbonization of Societal Infrastructures at Mesoscales	47.070	140,431	-
NATIONAL SCIENCE FOUNDATION	23-017262 A 00	MCA-PFI Price and Lead Time Quotation for Made-to-Order Products and Services with Contingent Demand and Demand Learning	47.084	20,057	-
		Total for University of Massachusetts - Amherst		**160,488**	**-**
University of California, Los Angeles					
NATIONAL SCIENCE FOUNDATION	05180000191457	NQVL:QSTD:Pilot: Quantum sensing and imaging lab (Q-SAIL)	47.084	65,969	-
		Total for University of California, Los Angeles		**65,969**	**-**
Harvard University					

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NATIONAL SCIENCE FOUNDATION	100908-5126520	Outsourcing Property Tax Re-Assessments in the Greater Chennai Corporation	47.075	1,487	-
NATIONAL SCIENCE FOUNDATION	123826-5056263	Center for Integrated Quantum Materials	47.049	151,094	-
NATIONAL SCIENCE FOUNDATION	124189-5112398	DMREF: Hydrogel-actuated cellular soft robotic materials with programmable mechanical properties	47.049	-121	-
NATIONAL SCIENCE FOUNDATION	124381-5119999	QuIC-TAQS:Integrated Lithium Niobate Quantum Photonics Platform	47.049	140,768	-
NATIONAL SCIENCE FOUNDATION	134421-5126442	QuSeC-TAQS: Quantum Sensor Networks for Metrology, Chemistry and Astrophysics	47.049	500,316	-
		Total for Harvard University		**793,544**	**-**
University of Maryland - College Park					
NATIONAL SCIENCE FOUNDATION	104990-Z3811201	NSF Convergence Accelerator - Track C: Quantum Networks to Connect Quantum Technology (QuanNeCQT)	47.083	13,355	-
		Total for University of Maryland - College Park		**13,355**	**-**
Cornell University					
NATIONAL SCIENCE FOUNDATION	166115-22834	REU SITE: Summer Research Program at SRC JUMP2.0 SUPREME	47.041	29,260	-
NATIONAL SCIENCE FOUNDATION	250263	MFB: Continuous evolution of RNAs with novel functions in mammalian cells	47.049	232,338	-
		Total for Cornell University		**261,598**	**-**
University of Texas at Dallas					
NATIONAL SCIENCE FOUNDATION	2008652	Innovating Developmental Science with an Online, Scalable Meta-Science Platform for Investigating Cognitive Development During Early Childhood	47.075	9,000	-
NATIONAL SCIENCE FOUNDATION	2008652 / PO S316006	Innovating Developmental Science with an Online, Scalable Meta-Science Platform for Investigating Cognitive Development During Early Childhood	47.075	-5,469	-
		Total for University of Texas at Dallas		**3,531**	**-**
University of Oregon					
NATIONAL SCIENCE FOUNDATION	2016V0A	CCI Phase I: Center for Interfacial Ionics	47.049	128,379	-
		Total for University of Oregon		**128,379**	**-**
University of Oklahoma (Norman, OK)					
NATIONAL SCIENCE FOUNDATION	2019-46	TIME (Thwaites Interdisciplinary Margin Evolution) - The Role of Shear Margin Dynamics in the Future Evolution of Thwaites Drainage Basin	47.050	61,062	-
		Total for University of Oklahoma (Norman, OK)		**61,062**	**-**

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Computing Research Association					
NATIONAL SCIENCE FOUNDATION	2021CIF-MIT-41	COVID-19: Computing Innovation Fellows 2021 Project	47.070	5,418	-
NATIONAL SCIENCE FOUNDATION	G-1B-018	Computer and Information Science and Engineering Graduate Fellowships (CSGrad4US)	47.070	53,000	-
NATIONAL SCIENCE FOUNDATION	G-2A-037	Computer and Information Science and Engineering Graduate Fellowships (CSGrad4US)	47.070	53,000	-
NATIONAL SCIENCE FOUNDATION	G-2B-074	Computer and Information Science and Engineering Graduate Fellowships (CSGrad4US)	47.070	46,833	-
		Total for Computing Research Association		**158,251**	**-**
Research Foundation of SUNY Polytechnic Institute					
NATIONAL SCIENCE FOUNDATION	2023-13	Northeast Consortium for Advanced Integrated Silicon Technologies	47.076	105,013	44,605
		Total for Research Foundation of SUNY Polytechnic Institute		**105,013**	**44,605**
University of Puerto Rico					
NATIONAL SCIENCE FOUNDATION	2024-000239	PARTNER: Innovating AI for efficient and insightful data transformation	47.049	75,706	-
NATIONAL SCIENCE FOUNDATION	GOALI001	GOALI: Novel Plug flow Continuous Crystallizer with Diaphragm-Driven Suspension Transfer	47.041	188,398	-
		Total for University of Puerto Rico		**264,104**	**-**
University of Notre Dame					
NATIONAL SCIENCE FOUNDATION	204303MIT	SII-Center: SpectrumX - An NSF Spectrum Innovation Center	47.049	646,805	-
NATIONAL SCIENCE FOUNDATION	204303MIT/PO P2132980	SII-Center: SpectrumX - An NSF Spectrum Innovation Center	47.049	56,997	-
NATIONAL SCIENCE FOUNDATION	204512MIT	NSF Center for Computer Assisted Synthesis	47.049	190,833	-
		Total for University of Notre Dame		**894,635**	**-**
Stevens Institute of Technology					
NATIONAL SCIENCE FOUNDATION	2103695-02	Subaward: NSF SCC-IRG Track 1: Assessing the Socio-TEchnical Potential for Transactive Energy Communities in Rural New Hampshire (STEP4TEC-NH)	47.070	79,541	-
		Total for Stevens Institute of Technology		**79,541**	**-**
East Bay Educational Collaborative of Rhode Island					
NATIONAL SCIENCE FOUNDATION	2148451-2	ITEST: Engineering a Hive Learning Ecosystem for Rapidly Evolving Technologies: Investigating Impact on High School Student Knowledge, Skill-Building and Interest in STEM Careers	47.076	14,547	-
		Total for East Bay Educational Collaborative of Rhode Island		**14,547**	**-**

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Texas Tech University					
NATIONAL SCIENCE FOUNDATION	21P735-04	NSF Engineering Research Center for Advancing Sustainable and Distributed Fertilizer Production (CASFER)	47.041	669,791	-
		Total for Texas Tech University		**669,791**	**-**
University of Nebraska					
NATIONAL SCIENCE FOUNDATION	25-0521-0244-007	U.S. CMS Operations at the Large Hadron Collider	47.RD	839,148	-
		Total for University of Nebraska		**839,148**	**-**
North Carolina Agriculture & Technology State University					
NATIONAL SCIENCE FOUNDATION	260473A	Bootstrap Embedding for Quantum Chemistry and Quantum Simulation	47.049	2,052	-
		Total for North Carolina Agriculture & Technology State University		**2,052**	**-**
Gulf of Maine Research Institute					
NATIONAL SCIENCE FOUNDATION	30-CS4ALL-MIT	Broadening Access to CT-STEM: Leveraging lived experiences and hybrid language practices of K-5 Mainers for computational sensemaking	47.076	53,383	-
		Total for Gulf of Maine Research Institute		**53,383**	**-**
Duke University					
NATIONAL SCIENCE FOUNDATION	333-000196	PIF: Software-Tailored Architecture for Quantum Co-Design (STAQ)	47.049	115,889	-
NATIONAL SCIENCE FOUNDATION	333-2457	STAQ: Software-Tailored Architecture for Quantum co-design	47.049	32,767	-
NATIONAL SCIENCE FOUNDATION	333-2765	NSF Center for Molecularly Optimized Networks	47.049	741,941	-
NATIONAL SCIENCE FOUNDATION	333-2824	AI Institute: Athena: AI-Driven Next-generation Networks at the Edge	47.070	9,178	-
		Total for Duke University		**899,775**	**-**
Spectral Sciences, Incorporated					
NATIONAL SCIENCE FOUNDATION	3710-001-3026	Constraining Titan’s Seasonal Tropospheric Haze Distribution Period of Performance	47.049	11,914	-
		Total for Spectral Sciences, Incorporated		**11,914**	**-**
Columbia University					
NATIONAL SCIENCE FOUNDATION	4(GG016822-01)	Towards Life with a Reduced Protein Alphabet	47.074	72,587	-
NATIONAL SCIENCE FOUNDATION	5(GG016822-03)	Towards Life with a Reduced Protein Alphabet	47.074	30,787	-
NATIONAL SCIENCE FOUNDATION	GG019949-01	RAISE: CET: Building the Fusion Future	47.041	71,832	-
		Total for Columbia University		**175,206**	**-**
University of Rochester					

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NATIONAL SCIENCE FOUNDATION	417873-G / UR FAO GR511147	Center for Matter at Atomic Pressures	47.049	352,112	-
		Total for University of Rochester		**352,112**	**-**
Boston University					
NATIONAL SCIENCE FOUNDATION	4500004398	SaTC: Small: Core: Using Markets to Address Manipulated Information Online	47.075	41,512	-
		Total for Boston University		**41,512**	**-**
Virginia Polytechnic Institute & State University					
NATIONAL SCIENCE FOUNDATION	480718-19825	Development of a software package for high-throughput screening of excited state electronic properties in chromophore aggregates using quantum and classical mechanical tools	47.049	-3,432	-
NATIONAL SCIENCE FOUNDATION	480718-19825A	ASKCOS v2 - A Microservice-based Open-source Software Suite for Advancing Computer-aided Synthesis Planning	47.049	1	-
NATIONAL SCIENCE FOUNDATION	480949-19825	RAISE:IHBEM Mathematical and Algorithmic Formulation of Change in Human Behavior in Epidemic Models	47.049	16,920	-
		Total for Virginia Polytechnic Institute & State University		**13,489**	**-**
Northwestern University					
NATIONAL SCIENCE FOUNDATION	60060082 MIT	URoL:EN: Towards a unified theory of regulatory functions and networks across biological and social systems	47.074	23,975	-
NATIONAL SCIENCE FOUNDATION	60061817 MIT	RINGS: Robust and Resilient Wireless Networks using Next Generation Spectrum	47.070	224,218	-
NATIONAL SCIENCE FOUNDATION	60069218 MIT	Center: NSF Engineering Research Center for Human AugmentatioN via Dexterity (HAND)	47.041	283,358	-
		Total for Northwestern University		**531,551**	**-**
University of California-San Diego					
NATIONAL SCIENCE FOUNDATION	704703	FMRG: Dry Manufacturing of Solid-State Batteries for Large Energy Storage Systems	47.041	223,530	-
NATIONAL SCIENCE FOUNDATION	KR 704702	AI Institute: TILOS: The Institute for Learning-enabled Optimization at Scale	47.070	274,128	-
NATIONAL SCIENCE FOUNDATION	KR 704800	Mid-scale RI-1 (M1:DP): Designing a global measurement infrastructure to improve Internet security	47.070	59,313	-
		Total for University of California-San Diego		**556,971**	**-**
American Society/Engineering Education					
NATIONAL SCIENCE FOUNDATION	769-2053	Engineering Fellows Postdoctoral Fellowship Program	47.041	11,909	-

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		Total for American Society/Engineering Education		**11,909**	**-**
University of Maryland					
NATIONAL SCIENCE FOUNDATION	81350-Z3438201	QII-TAQS:Quantum machine learning with photonics	47.049	4,808	-
		Total for University of Maryland		**4,808**	**-**
Woods Hole Oceanographic Institution					
NATIONAL SCIENCE FOUNDATION	A101550	Center for Chemical Currencies of a Microbial Planet (C-COMP)	47.050	124,882	-
		Total for Woods Hole Oceanographic Institution		**124,882**	**-**
University of Tennessee					
NATIONAL SCIENCE FOUNDATION	A25-0015-S006	PIPP Phase II: Analysis and Prediction of Pandemic Expansion (APPEX)	47.070	77,907	-
		Total for University of Tennessee		**77,907**	**-**
Form Finding Studio LLC					
NATIONAL SCIENCE FOUNDATION	AGMT 9/1/23	Computer Aided Design and Simulation Software for Origami	47.084	-5,705	-
		Total for Form Finding Studio LLC		**-5,705**	**-**
American Political Science Association					
NATIONAL SCIENCE FOUNDATION	AGMT EFF 1/1/24	Political Control in the Workplace: How Autocrats Use Private Firms to Control Citizens	47.075	4,743	-
NATIONAL SCIENCE FOUNDATION	AWD. LTR. DTD. 9/30/2022	Urbanization, Privatization, and the Social Contract	47.075	7,201	-
NATIONAL SCIENCE FOUNDATION	LTR DTD 9/1/2024	The Liberal Social Safety Net: State Interventions in Times of Collective Crisis	47.075	14,972	-
NATIONAL SCIENCE FOUNDATION	LTR DTD 9/3/2024	World Wide Webs: How Diasporas and Open Bureaucracies Forged the Knowledge Economy in the Global South	47.075	10,165	-
		Total for American Political Science Association		**37,081**	**-**
NEROC					
NATIONAL SCIENCE FOUNDATION	AGS-1726377	MRI Collaborative: Development of Monitors for Alaskan and Canadian Auroral Weather in Space (MACAWS)	47.050	37,158	37,158
NATIONAL SCIENCE FOUNDATION	AST-2034306	The Event Horizon Telescope: Resolving Black Holes in Time and Space	47.049	2,016,219	1,625,618
		Total for NEROC		**2,053,377**	**1,662,776**
Arizona State University					
NATIONAL SCIENCE FOUNDATION	ASUB00001318	Mid-Scale RI-2 Consortium: Compact X-ray Free-Electron Laser Project (CXFEL)	47.074	8,839	-

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FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NATIONAL SCIENCE FOUNDATION	ASUB00001354	FuSe-TG: STAMPEDE: Scalable Technology And Manufacturing of Photonics for Extreme Information-Density	47.041	24,974	-
		Total for Arizona State University		**33,813**	**-**
Georgia Institute of Technology					
NATIONAL SCIENCE FOUNDATION	AWD-003829-G1/PO-5290605	PIPP Phase I: BEHIVE - BEHavioral Interaction and Viral Evolution for Pandemic Prevention and Prediction	47.070	5,021	-
NATIONAL SCIENCE FOUNDATION	AWD-005041-G1	URoL:ASC: Next-Generation Biological Security and Bio-Hackathon	47.074	335,292	-
		Total for Georgia Institute of Technology		**340,313**	**-**
University of Chicago					
NATIONAL SCIENCE FOUNDATION	AWD101244 (SUB00000549)	Materials Research and Science Engineering Center - Renewal 02	47.049	12,584	-
NATIONAL SCIENCE FOUNDATION	AWD103173 (SUB00000693)	Collaborative Research: Framework: Garden: A FAIR Framework for Publishing and Applying AI Models for Translational Research in Science, Engineering, Education, and Industry	47.070	217,725	-
		Total for University of Chicago		**230,309**	**-**
University of Massachusetts - Boston					
NATIONAL SCIENCE FOUNDATION	B001492959	ExpandQISE:Track2:EQUIP-UMB-Expand Quantum Information Programs at UMass Boston	47.049	35,345	-
NATIONAL SCIENCE FOUNDATION	B001691459	Partnership for Research and Training in QUantum, Artificial intelligence, Non-equilibirum physics Theory, and Applications (QUANTA)	47.049	23,656	-
		Total for University of Massachusetts - Boston		**59,001**	**-**
AMERICAN MUSEUM OF NATURAL HISTORY					
NATIONAL SCIENCE FOUNDATION	B52-2021-1, PO# 118733	Developing and Testing Innovations [DTI]: SRMPmachine	47.076	154,676	-
		Total for AMERICAN MUSEUM OF NATURAL HISTORY		**154,676**	**-**
San Diego State University Foundation					
NATIONAL SCIENCE FOUNDATION	D10976-02 SA1082 A0 5B338A 7802	Boosting Cyber and Physical Resilience of Power Electronics-Dominated Distribution Grids in Energy Space	47.041	258,967	-
		Total for San Diego State University Foundation		**258,967**	**-**
New York University					
NATIONAL SCIENCE FOUNDATION	F2456-01	Justice-Centered STEM Education with Multilingual Learners to Address Pressing Societal Challenges	47.076	84,419	-
NATIONAL SCIENCE FOUNDATION	F2579-01	HDBE: NSF-JST: Fostering collective disaster resilience via cross-city learning and sharing of post-disaster human mobility dynamics	47.041	27,430	-

Appendix A3
Massachusetts Institute of Technology
Federal Research Support - Passthrough - On Campus
FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
		Total for New York University		**111,849**	**-**
Vassar College					
NATIONAL SCIENCE FOUNDATION	GR000468	POSE: Phase II: An Open-Source Ecosystem for Behavioral Experiments	47.084	60,177	-
		Total for Vassar College		**60,177**	**-**
Ohio State University					
NATIONAL SCIENCE FOUNDATION	GR125504/SPC-1000006637	QII – TAQS: Solid state Integration of molecular qubits	47.049	68,008	-
NATIONAL SCIENCE FOUNDATION	SPC-1000012393 / GR133509	Global Centers Track 1: Global Center on AI and Biodiversity Change	47.079	175,506	-
NATIONAL SCIENCE FOUNDATION	SPC-1000014419 / GR138689	Entanglement-Assisted Quantum Sensing for Molecular Structure and Dynamics	47.084	7,513	-
		Total for Ohio State University		**251,027**	**-**
University of California-Santa Barbara					
NATIONAL SCIENCE FOUNDATION	KK2432	QuSeC-TAQS: Integrated Squeezed-Light Magneto- Optical Sensor	47.049	274,812	-
		Total for University of California-Santa Barbara		**274,812**	**-**
Texas A & M					
NATIONAL SCIENCE FOUNDATION	M2201483	CCI Phase I: NSF Center for the Mechanical Control of Chemistry (CMCC)	47.049	-6	-
NATIONAL SCIENCE FOUNDATION	M2304624	NSF Center for the Mechanical Control of Chemistry	47.049	182,132	-
		Total for Texas A & M		**182,126**	**-**
EarthScope Consortium, Inc.					
NATIONAL SCIENCE FOUNDATION	MIT-SU24-EAR2314379-S1	GAGE Facility GNSS Data Analysis Center Coordinator	47.050	141,019	-
		Total for EarthScope Consortium, Inc.		**141,019**	**-**
University of Colorado Boulder					
NATIONAL SCIENCE FOUNDATION	PO 1001483847	QLCI-CI: Enhanced Sensing and Distribution Using Quantum States	47.RD	170,067	-
		Total for University of Colorado Boulder		**170,067**	**-**
National Radio Astronomy Observatory					
NATIONAL SCIENCE FOUNDATION	PO 359999	Enabling New Science with the ALMA Phasing System "Phase 2"	47.049	23,159	-
NATIONAL SCIENCE FOUNDATION	PO 379499	TALON Frequency Slice Architecture Correlator/Beamformer for ALMA	47.049	5,711	-
NATIONAL SCIENCE FOUNDATION	PO#374975	Enabling New VLBI Science with the ALMA Phasing System - Phase 3	47.049	2,821	-
		Total for National Radio Astronomy Observatory		**31,691**	**-**

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Massachusetts Institute of Technology
Federal Research Support - Passthrough - On Campus
FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
New Mexico State University					
NATIONAL SCIENCE FOUNDATION	Q02693	Developing AI Learning Trajectories as a basis for effective AI Activities and Tools (LTs4AI)	47.076	4,801	-
		Total for New Mexico State University		**4,801**	**-**
Rice University					
NATIONAL SCIENCE FOUNDATION	R3K023	EFRI DCheM: Electrifying CO2 From Point Sources into Pure Liquid Fuels	47.041	-3,859	-
		Total for Rice University		**-3,859**	**-**
University of California-Riverside - Bourns College of Engineering					
NATIONAL SCIENCE FOUNDATION	S1876	FuSe2 Topic 2: Magnonic Combinatorial Memory and Logic Devices on a Silicon Platform	47.041	144,695	-
		Total for University of California-Riverside - Bourns College of Engineering		**144,695**	**-**
University of Massachusetts-Lowell					
NATIONAL SCIENCE FOUNDATION	S52100000048202	FMNet: A Network for Rapid Execution for Scaling Production of Needed Designs (RESPOND)	47.075	12,611	-
		Total for University of Massachusetts-Lowell		**12,611**	**-**
University of Southern California					
NATIONAL SCIENCE FOUNDATION	SCON-00005119	Co-design of AttoJule Multifunctional Semiconductor Electronics with Atomic Precision	47.041	81,096	-
		Total for University of Southern California		**81,096**	**-**
University of Washington					
NATIONAL SCIENCE FOUNDATION	SUB# UWSC13243 / BPO61724	HDR Institute: Accelerated AI Algorithms for Data-Driven Discovery	47.070	315,760	-
NATIONAL SCIENCE FOUNDATION	SUB# UWSC13243 / PO# 61724	HDR Institute: Accelerated AI Algorithms for Data-Driven Discovery	47.070	314,287	-
		Total for University of Washington		**630,047**	**-**
University of Arizona					
NATIONAL SCIENCE FOUNDATION	SUBAWARD 586648	NSF Engineering Research Center for Quantum Networks (CQN)	47.041	1,029,116	-
		Total for University of Arizona		**1,029,116**	**-**
California Institute of Technology					
NATIONAL SCIENCE FOUNDATION	SUBAWARD NO. S458042	LIGO Laboratory Operations and Maintenance 2024-2028 — Exploring the Gravitational-Wave Cosmos (CY24-28)	47.049	5,001,803	-

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Federal Research Support - Passthrough - On Campus
FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NATIONAL SCIENCE FOUNDATION	SUBAWARD NO. S458042	LIGO Operations FY19 through FY23	47.049	-1,467	-
NATIONAL SCIENCE FOUNDATION	SUBAWARD NO. S638582	LIGO Laboratory Operations and Maintenance 2024-2028 — Exploring the Gravitational-Wave Cosmos (CY24-28)	47.049	133,890	-
		Total for California Institute of Technology		**5,134,226**	**-**
The Smithsonian Astrophysical Observatory					
NATIONAL SCIENCE FOUNDATION	SV0-09003	COVID-19: Mid-scale RI-1 (M1:DP): Next Generation Event Horizon Telescope Design	47.049	151,826	-
		Total for The Smithsonian Astrophysical Observatory		**151,826**	**-**
Wayne State University					
NATIONAL SCIENCE FOUNDATION	WSU20080; GRANT INDEX 301675	The X-SCAPE collaboration: The X-ion collision with a Statistically and Computationally Advanced Program Envelope collaboration	47.070	-17	-
		Total for Wayne State University		**-17**	**-**
Washington University in St. Louis					
NATIONAL SCIENCE FOUNDATION	WU-24-0269 / ST00018312	Building predictive coarse-graining schemes for complex microbial ecosystems	47.049	88,406	-
		Total for Washington University in St. Louis		**88,406**	**-**
		TOTAL for National Science Foundation		**20,416,712**	**1,707,381**
		TOTAL Federal Research Support - Passthrough - On Campus		**$135,328,608**	**$2,443,009**

Economic Development Cluster
Massachusetts Institute of Technology
On Campus
FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
ECONOMIC DEVELOPMENT CLUSTER					
Berkshire Innovation Center					
DEPARTMENT OF COMMERCE	01- 79-15224	BIC Manufacturing Academy	11.307	23,015	-
		Total for Berkshire Innovation Center		**23,015**	**-**
		TOTAL for Department of Commerce		**23,015**	**-**
		TOTAL Economic Development Cluster - On Campus		**$23,015**	**-**

Appendix B
Massachusetts Institute of Technology
Federal Non-Research Support - On Campus
FY 2025 Expenditures

Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE					
Navy					
12.U64					
Navy	N00024-09-P-6631	MIT Composite Materials Research Related to Ship Construction	12.U64	3,222	-
		Total for AL # 12.U64		*3,222*	-
		Total for Navy		**3,222**	**-**
Other DOD					
12.U10					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U10	19,637	-
		Total for AL # 12.U10		*19,637*	-
12.U11					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U11	9,094	-
		Total for AL # 12.U11		*9,094*	-
12.U12					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U12	8,270	-
		Total for AL # 12.U12		*8,270*	-
12.U13					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U13	8,270	-
		Total for AL # 12.U13		*8,270*	-
12.U14					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U14	9,094	-
		Total for AL # 12.U14		*9,094*	-
12.U41					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U41	99,887	-
		Total for AL # 12.U41		*99,887*	-

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Massachusetts Institute of Technology
Federal Non-Research Support - On Campus
FY 2025 Expenditures

Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
12.U42					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U42	91,972	-
		Total for AL # 12.U42		*91,972*	-
12.U43					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U43	88,482	-
		Total for AL # 12.U43		*88,482*	-
12.U44					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U44	91,972	-
		Total for AL # 12.U44		*91,972*	-
12.U45					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U45	59,143	-
		Total for AL # 12.U45		*59,143*	-
12.U46					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U46	40,028	-
		Total for AL # 12.U46		*40,028*	-
12.U47					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U47	29,277	-
		Total for AL # 12.U47		*29,277*	-
12.U48					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U48	56,066	-
		Total for AL # 12.U48		*56,066*	-
12.U67					
NSA	H98230-23-P-2064	Large Language Models: Opportunities, Challenges, and Guardrails	12.U67	218,394	-
		Total for AL # 12.U67		*218,394*	-

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Federal Non-Research Support - On Campus
FY 2025 Expenditures

Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
12.U68					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U68	6,041	-
		Total for AL # 12.U68		*6,041*	-
12.U74					
NSA	H98230-24-P-1485	Reprising Large Language Models: Opportunities, Challenges, and Guardrails	12.U74	198,829	-
		Total for AL # 12.U74		*198,829*	-
12.U75					
NSA	H98230-19-C-0292	MIT Center for Quantum Engineering (MIT-CQE)	12.U75	20,697	-
		Total for AL # 12.U75		*20,697*	-
		Total for Other DOD		**1,055,153**	**-**
		TOTAL for Department of Defense		**1,058,375**	**-**

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Massachusetts Institute of Technology
Federal Non-Research Support - On Campus
FY 2025 Expenditures

Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF ENERGY					
81.U02					
DOE	AWD LTR DTD 6/10/24	Measurement of the Deeply Virtual Compton Scattering Cross Section using the RGK data from the CLAS12 Detector in Hall B	81.U02	4,000	-
		Total for AL # 81.U02		*4,000*	-
		Total for Department of Energy		**4,000**	**-**
		TOTAL for Department of Energy		**4,000**	**-**

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Massachusetts Institute of Technology
Federal Non-Research Support - On Campus
FY 2025 Expenditures

Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF TRANSPORTATION					
20.215					
DOT	693JJ32545022	DDETFP Graduate Fellowship – Parks	20.215	9,998	-
DOT	693JJ32545023	GSF: W. Farabow - Dwight David Eisenhower Transportation Fellowship Program (DDETFP) Graduate Fellowship	20.215	8,396	-
DOT	693JJ32545096	Dwight David Eisenhower Transportation Fellowship (DDETFP) Graduate Fellowship – Raghavan	20.215	5,311	-
		Total for AL # 20.215		*23,705*	-
		Total for Department of Transportation		**23,705**	**-**
		TOTAL for Department of Transportation		**23,705**	**-**

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Massachusetts Institute of Technology
Federal Non-Research Support - On Campus
FY 2025 Expenditures

Federal Agency	Government Contract Number	Master Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
MISCELLANEOUS FEDERAL GOVT					
Other Agencies					
19.040					
DOS	SBA30024GR0005	MIT IAP 2024- OFFCUT: CUTOFF Experimental and Novel Practices in Metalwork	19.040	7,971	-
DOS	SBA30025GR0001	MIT IAP 2025- OFFCUT: CUTOFF in collaboration with ODDS and MODS	19.040	17,038	-
DOS	S-IT700-24-GR-0104	Rome Maker Fair: Urban forests and climate change	19.040	31,726	-
		Total for AL # 19.040		*56,735*	-
45.024					
Misc.	1929469-44-24	To support an exhibition featuring...Steina Vasulka at MIT's List Visual Arts Center	45.024	50,000	-
		Total for AL # 45.024		*50,000*	-
		Total for Other Agencies		**106,735**	**-**
		TOTAL for Miscellaneous Federal Govt		**106,735**	**-**
		TOTAL Federal Non-Research Support - On Campus		**1,192,815**	**-**

Appendix C
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE					
Lincoln Laboratory					
DEPARTMENT OF DEFENSE	PO 7000583373	Support of the MIT Security Studies Program	12.U66	-495	-
DEPARTMENT OF DEFENSE	PO 7000621704	Support of the MIT Security Studies Program	12.U76	31,961	-
		Total for Lincoln Laboratory		**31,466**	**-**
Massachusetts Technology Collaborative					
DEPARTMENT OF DEFENSE	AGREEMENT AND SOW 22624	Northeast Microelectronics Internship Program	12.U71	76,980	-
DEPARTMENT OF DEFENSE	AGREEMENT AND SOW 22664	MIT.nano NEMC Hub - Concierge	12.U73	56,553	-
		Total for Massachusetts Technology Collaborative		**133,533**	**-**
NextFlex Learning Programs					
DEPARTMENT OF DEFENSE	716112	Expanding and Enhancing the Manufacturing Careers Platform	12.U70	55,411	-
DEPARTMENT OF DEFENSE	716205	Expanding and Enhancing the Manufacturing Careers Platform	12.U69	203,759	-
DEPARTMENT OF DEFENSE	ADP#62- MIT	Building an Advanced Manufacturing Workforce for the Defense Innovation Base.	12.U72	2,899	-
		Total for NextFlex Learning Programs		**262,069**	**-**
Advanced Functional Fabrics of America (AFFOA)					
DEPARTMENT OF DEFENSE	EXHIBIT 1-A	Shape-Shifting Climate-Adaptive Garments	12.U65	2	-
		Total for Advanced Functional Fabrics of America (AFFOA)		**2**	**-**
Draper Laboratory Incorporated					
DEPARTMENT OF DEFENSE	PO001-0001069726	Draper Fellow Reporting Parent FY23/24	12.U04	-3	-
DEPARTMENT OF DEFENSE	PO001-0001070347	Draper Fellow Reporting Parent FY23/24	12.U07	147	-
DEPARTMENT OF DEFENSE	PO001-0001070378	Draper Fellow Reporting Parent FY23/24	12.U05	-26,015	-
DEPARTMENT OF DEFENSE	PO001-0001073763	Draper Fellow Reporting Parent FY24/25	12.U15	77,929	-
DEPARTMENT OF DEFENSE	PO001-0001073764	Draper Fellow Reporting Parent FY24/25	12.U16	75,557	-
DEPARTMENT OF DEFENSE	PO001-0001073874	Draper Fellow Reporting Parent FY24/25	12.U17	62,396	-
DEPARTMENT OF DEFENSE	PO001-0001073876	Draper Fellow Reporting Parent FY24/25	12.U18	61,990	-
DEPARTMENT OF DEFENSE	PO001-0001073878	Draper Fellow Reporting Parent FY24/25	12.U19	61,990	-
DEPARTMENT OF DEFENSE	PO001-0001073880	Draper Fellow Reporting Parent FY24/25	12.U20	62,396	-
DEPARTMENT OF DEFENSE	PO001-0001073881	Draper Fellow Reporting Parent FY24/25	12.U21	61,990	-

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF DEFENSE	PO001-0001073883	Draper Fellow Reporting Parent FY24/25	12.U22	77,929	-
DEPARTMENT OF DEFENSE	PO001-0001073884	Draper Fellow Reporting Parent FY24/25	12.U23	13,200	-
DEPARTMENT OF DEFENSE	PO001-0001073887	Draper Fellow Reporting Parent FY24/25	12.U24	72,016	-
DEPARTMENT OF DEFENSE	PO001-0001073888	Draper Fellow Reporting Parent FY24/25	12.U25	61,990	-
DEPARTMENT OF DEFENSE	PO001-0001073891	Draper Fellow Reporting Parent FY24/25	12.U26	77,929	-
DEPARTMENT OF DEFENSE	PO001-0001073892	Draper Fellow Reporting Parent FY24/25	12.U28	73,338	-
DEPARTMENT OF DEFENSE	PO001-0001073895	Draper Fellow Reporting Parent FY24/25	12.U27	73,338	-
DEPARTMENT OF DEFENSE	PO001-0001073896	Draper Fellow Reporting Parent FY24/25	12.U29	79,524	-
DEPARTMENT OF DEFENSE	PO001-0001073897	Draper Fellow Reporting Parent FY24/25	12.U30	83,758	-
DEPARTMENT OF DEFENSE	PO001-0001073905	Draper Fellow Reporting Parent FY24/25	12.U31	82,914	-
DEPARTMENT OF DEFENSE	PO001-0001073948	Draper Fellow Reporting Parent FY24/25	12.U33	81,680	-
DEPARTMENT OF DEFENSE	PO001-0001074075	Draper Fellow Reporting Parent FY24/25	12.U32	65,288	-
DEPARTMENT OF DEFENSE	PO001-0001074270	Draper Fellow Reporting Parent FY24/25	12.U38	65,288	-
DEPARTMENT OF DEFENSE	PO001-0001074348	Draper Fellow Reporting Parent FY24/25	12.U34	68,832	-
DEPARTMENT OF DEFENSE	PO001-0001074444	Draper Fellow Reporting Parent FY24/25	12.U35	36,455	-
DEPARTMENT OF DEFENSE	PO001-0001074510	Draper Fellow Reporting Parent FY24/25	12.U37	61,990	-
DEPARTMENT OF DEFENSE	PO001-0001074620	Draper Fellow Reporting Parent FY24/25	12.U36	67,060	-
DEPARTMENT OF DEFENSE	PO001-0001075195	Draper Fellow Reporting Parent FY24/25	12.U40	7,048	-
DEPARTMENT OF DEFENSE	PO001-0001075455	Draper Fellow Reporting Parent FY24/25	12.U39	62,396	-
DEPARTMENT OF DEFENSE	PO001-0001078409	Draper Fellow Reporting Parent FY24/25	12.U49	13,625	-
DEPARTMENT OF DEFENSE	PO001-0001079125	Draper Fellow Reporting Parent FY25/26	12.U51	4,889	-
DEPARTMENT OF DEFENSE	PO001-0001079127	Draper Fellow Reporting Parent FY25/26	12.U50	4,696	-
DEPARTMENT OF DEFENSE	PO001-0001079238	Draper Fellow Reporting Parent FY25/26	12.U52	4,806	-
DEPARTMENT OF DEFENSE	PO001-0001079269	Draper Fellow Reporting Parent FY25/26	12.U54	4,806	-
DEPARTMENT OF DEFENSE	PO001-0001079270	Draper Fellow Reporting Parent FY25/26	12.U61	4,289	-
DEPARTMENT OF DEFENSE	PO001-0001079271	Draper Fellow Reporting Parent FY25/26	12.U53	4,696	-
DEPARTMENT OF DEFENSE	PO001-0001079272	Draper Fellow Reporting Parent FY25/26	12.U62	4,696	-
DEPARTMENT OF DEFENSE	PO001-0001079273	Draper Fellow Reporting Parent FY25/26	12.U55	4,696	-
DEPARTMENT OF DEFENSE	PO001-0001079279	Draper Fellow Reporting Parent FY25/26	12.U56	4,696	-
DEPARTMENT OF DEFENSE	PO001-0001079319	Draper Fellow Reporting Parent FY25/26	12.U57	4,696	-
DEPARTMENT OF DEFENSE	PO001-0001079327	Draper Fellow Reporting Parent FY25/26	12.U58	4,590	-
DEPARTMENT OF DEFENSE	PO001-0001079351	Draper Fellow Reporting Parent FY25/26	12.U59	4,289	-
DEPARTMENT OF DEFENSE	PO001-0001079355	Draper Fellow Reporting Parent FY25/26	12.U63	4,898	-
DEPARTMENT OF DEFENSE	PO001-0001079449	Draper Fellow Reporting Parent FY25/26	12.U60	4,930	-

Appendix C
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
		Total for Draper Laboratory Incorporated		**1,729,648**	**-**
		TOTAL for Department of Defense		**2,156,718**	**-**

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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF ENERGY					
Battelle Energy Alliance, LLC					
DEPARTMENT OF ENERGY	294144	MITR-3: A New High-Performance Research Reactor	81.U04	133,063	-
DEPARTMENT OF ENERGY	RELEASE 2/BMC 288889 - SOW 20858	INL NUC Activities with Massachusetts Institute of Technology - Release 2	81.U05	53,874	-
DEPARTMENT OF ENERGY	RELEASE 2/BMC 288889 - SOW 20858	INL NUC Activities with Massachusetts Institute of Technology - Release 2	81.U06	17,839	-
		Total for Battelle Energy Alliance, LLC		**204,776**	**-**
Fermi Forward Discovery Group, LLC					
DEPARTMENT OF ENERGY	720822	Novel Light Detectors for MeV-Scale Directional Dark Matter Detectors	81.U03	30,309	-
		Total for Fermi Forward Discovery Group, LLC		**30,309**	**-**
Krell Institute					
DEPARTMENT OF ENERGY	AGREEMENT EFF. 09/01/2024	DOE NNSA LRGF	81.112	197,997	-
DEPARTMENT OF ENERGY	AGREEMENT EFF. 09/01/2024	DOE NNSA SSGF	81.112	263,996	-
		Total for Krell Institute		**461,993**	**-**
Jefferson Science Associates, LLC					
DEPARTMENT OF ENERGY	AWARD LTR. DTD. 6/26/2023	Novel Spectator Tagged SIDIS Measurements with CLAS12 and BAND in Hall B	81.U01	12,000	-
		Total for Jefferson Science Associates, LLC		**12,000**	**-**
		TOTAL for Department of Energy		**709,078**	**-**

Appendix C
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF HEALTH & HUMAN SERVICES					
Massachusetts General Hospital					
DEPARTMENT OF HEALTH & HUMAN SERVICES	242002	PPE Landscape High Consequence Disease	93.817	130,000	-
		Total for Massachusetts General Hospital		**130,000**	**-**
		TOTAL for Department of Health & Human Services		**130,000**	**-**

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Massachusetts Institute of Technology
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FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
DEPARTMENT OF HOMELAND SECURITY					
Massachusetts Emergency Management Agency					
DEPARTMENT OF HOMELAND SECURITY	CTFEMA4496MITC03333	COVID-19: FEMA-4496-DR-MA MEMA	97.036	366,085	-
		Total for Massachusetts Emergency Management Agency		**366,085**	**-**
		TOTAL for Department of Homeland Security		**366,085**	**-**

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Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
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Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
MISCELLANEOUS FEDERAL GOVT					
Clemson University					
MISCELLANEOUS FEDERAL GOVT	2654-210-2014955	Subaward: Mechatronics Textbook Dept. of Education funded Co-DREAM OER Project	84.116	32,708	-
		Total for Clemson University		**32,708**	**-**
Institute of International Education, Inc.					
MISCELLANEOUS FEDERAL GOVT	3000303468	Hubert H. Humphrey Fellowship Program (SPURS) 2023-2024	19.010	62,786	-
MISCELLANEOUS FEDERAL GOVT	3000340532	Hubert H. Humphrey Fellowship Program (SPURS) 2024-2025	19.010	170,834	-
MISCELLANEOUS FEDERAL GOVT	3000340532	Hubert H. Humphrey Fellowship Program (SPURS) 2024-2025	19.010	24,413	-
		Total for Institute of International Education, Inc.		**258,033**	**-**
		TOTAL for Miscellaneous Federal Govt		**290,741**	**-**

Appendix C
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
FY 2025 Expenditures by Prime Sponsor and Sponsor

Prime Sponsor Name	Passthrough Number	WBS Project Name	Assistance Listing #	TOTAL $ Amount Expended	$ Amount Passed to Subrecipients
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION					
Space Telescope Science Institute					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-HF2-51499.001-A	The awakening of massive black holes (HST-HF2-51499; Postdoc Fellow Riccardo Arcodia)	43.U03	110,983	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-HF2-51515.001-A	The First Glimpse of the First Galaxies: A Near & Far Approach (HST-HF2 -51515; Fellow: Rohan Naidu)	43.U02	15,844	-
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	HST-HF2-51515.001-A	The First Glimpse of the First Galaxies: A Near & Far Approach (HST-HF2 -51515; Fellow: Rohan Naidu)	43.U04	112,274	-
		Total for Space Telescope Science Institute		**239,101**	**-**
Baylor College of Medicine					
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	P700000498	Transitional Research Institute	43.003	17,214	-
		Total for Baylor College of Medicine		**17,214**	**-**
		TOTAL for National Aeronautics and Space Administration		**256,315**	**-**
		TOTAL Federal Non-Research Support - Passthrough - On Campus		**$3,908,937**	**-**

SECTION III

REPORTS ON INTERNAL CONTROL AND COMPLIANCE AND SCHEDULE OF FINDINGS AND QUESTIONED COSTS

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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 Members of the Corporation of the Massachusetts Institute of Technology

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 the Massachusetts Institute of Technology and its subsidiaries (the "Institute"), which comprise the consolidated statement of financial position as of June 30, 2025, and the related consolidated statements of activities, and of cash flows for the year then ended, including the related notes (collectively referred to as the "consolidated financial statements"), and have issued our report thereon dated October 10, 2025.

Report on Internal Control Over Financial Reporting

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

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Institute's consolidated 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 Institute'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 Institute's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Boston, Massachusetts
October 10, 2025

Report of Independent Auditors on Compliance for Each Major Program and on Internal Control Over Compliance Required by Uniform Guidance

To the Members of the Corporation of the Massachusetts Institute of Technology

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited the Massachusetts Institute of Technology and its subsidiaries' (the "Institute") compliance with the types of compliance requirements identified as subject to audit in the OMB *Compliance Supplement* that could have a direct and material effect on each of the Institute's major federal programs for the year ended June 30, 2025. The Institute's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

In our opinion, the Institute complied, in all material respects, with the 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, 2025.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (US GAAS); 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). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditors' Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the Institute and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the Institute's compliance with the compliance requirements referred to above.

Responsibilities of Management for Compliance

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules and provisions of contracts or grant agreements applicable to the Institute's federal programs.

Auditors' Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the Institute's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material, if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the Institute's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with US GAAS, *Government Auditing Standards*, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the Institute's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the Institute's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances 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 the Institute's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

Report on 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 Auditors' Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance may exist that were not identified.

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

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

Boston, MA
March 30, 2026

Massachusetts Institute of Technology
Schedule of Findings and Questioned Costs
Year Ended June 30, 2025

Section I Summary of Auditor's Results

Financial Statements

Type of auditors' report issued	Unmodified opinion
Internal control over financial reporting	
Material weakness(es) identified	___ Yes _X_ No
Significant deficiency (ies) identified that are not considered to be material weaknesses	___ Yes _X_ None Reported
Noncompliance material to financial statements noted?	___ Yes _X_ No

Federal Awards

Internal control over major programs	
Material weakness (es) identified?	___ Yes _X_ No
Significant deficiency (ies) identified that are not considered to be material weaknesses?	___ Yes _X_ None Reported
Type of auditors' 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 _X_ No

Identification of major programs

Assistance Listing Number	**Name of Federal Program or Cluster**
Various	Research & Development Cluster

Dollar threshold used to distinguish between Type A and Type B programs	$6,367,196
Auditee qualifies as a low-risk auditee?	_X_ Yes ___ No

Section II Financial Statement Findings

There are no matters to report.

Section III Federal Award Findings and Questioned Costs

There are no matters to report.

Massachusetts Institute of Technology
Summary Schedule of Prior Audit Findings and Status
Year Ended June 30, 2025

There are no findings from prior years that require an update in this report.