Stanford University

Stanford, California
Reports on Federal Awards in Accordance with the Uniform Guidance
August 31, 2025
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Page(s)

I. Financial

Report of Independent Auditors 4-6

Consolidated Financial Statements 7-10

Notes to Consolidated Financial Statements 11-73

Schedule of Expenditures of Federal Awards

Part A, Award Expenditures by Federal Program 74-135

Part B, Federal Loan Program Year End Balances 136-137

Notes to Schedule of Expenditures of Federal Awards 138

II. Internal Control and Compliance

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* 139-141

Report of Independent Auditors on Compliance for Each Major Program and on Internal Control Over Compliance Required by Uniform Guidance 142-144

III. Findings

Schedule of Findings and Questioned Costs 145-147

Summary Schedule of Prior Audit Findings 148-149

I. Financial

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Report of Independent Auditors

To the Board of Trustees of the Leland Stanford Junior University

Report on the Audit of the Consolidated Financial Statements

Opinion

We have audited the accompanying consolidated financial statements of The Leland Stanford Junior University and its subsidiaries' ("Stanford"), which comprise the consolidated statements of financial position as of August 31, 2025 and 2024, and the related consolidated statements of activities and of cash flows for the years then ended, 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 financial position of Stanford as of August 31, 2025 and 2024, and the changes in its net assets and its cash flows for the years then ended 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 Stanford 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.

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 Stanford's ability to continue as a going concern for one year after the date the financial statements are issued.

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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 Stanford'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 Stanford'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 August 31, 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 Financial Results (unaudited) and Selected Financial & Other Data (unaudited), included in Stanford's Annual Financial Report as of August 31, 2025 and 2024 (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 December 9, 2025, except with respect to the opinion on the schedule of expenditures of federal awards, as to which the date is May 15, 2026, on our consideration of Stanford'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 August 31, 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 Stanford's internal control over financial reporting and compliance.

PricewaterhouseCoopers LLP

San Francisco, California
December 9, 2025, except with respect to the opinion on the schedule of expenditures of federal awards, as to which the date is May 15, 2026

CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

At August 31, 2025 and 2024 (in thousands of dollars)

	2025	2024
ASSETS		
Cash and cash equivalents	$ 2,684,196	$ 1,726,991
Accounts receivable, net	2,724,859	2,509,955
Prepaid expenses and other assets	773,522	629,794
Pledges receivable, net	2,669,008	2,669,437
Student loans receivable, net	31,116	33,652
Faculty and staff mortgages and other loans receivable, net	1,330,207	1,209,048
Assets limited as to use	833,632	559,644
Investments at fair value	60,113,188	55,196,789
Right-of-use assets	1,106,204	1,096,495
Plant facilities, net of accumulated depreciation	14,917,252	14,512,311
Works of art and special collections	—	—
TOTAL ASSETS	**$ 87,183,184**	**$ 80,144,116**
LIABILITIES AND NET ASSETS		
LIABILITIES:		
Accounts payable and accrued expenses	$ 3,185,650	$ 2,993,288
Liabilities associated with investments	1,828,476	889,360
Lease liabilities	1,208,359	1,183,291
Deferred income and other obligations	2,335,994	2,062,692
Accrued pension and postretirement benefit obligations	660,199	628,306
Notes and bonds payable	9,842,647	8,844,450
TOTAL LIABILITIES	**19,061,325**	**16,601,387**
NET ASSETS:		
Without donor restrictions	39,354,629	37,101,011
With donor restrictions	28,767,230	26,441,718
TOTAL NET ASSETS	**68,121,859**	**63,542,729**
TOTAL LIABILITIES AND NET ASSETS	**$ 87,183,184**	**$ 80,144,116**

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

CONSOLIDATED STATEMENTS OF ACTIVITIES

For the years ended August 31, 2025 and 2024 (in thousands of dollars)

	2025	2024
NET ASSETS WITHOUT DONOR RESTRICTIONS		
OPERATING REVENUES:		
TOTAL STUDENT INCOME, NET	**$ 845,268**	**$ 802,484**
Sponsored support:		
Direct costs - University	1,201,824	1,201,900
Direct costs - SLAC National Accelerator Laboratory	757,016	635,865
Indirect costs	373,212	369,828
TOTAL SPONSORED SUPPORT	**2,332,052**	**2,207,593**
TOTAL HEALTH CARE SERVICES, primarily net patient service revenue	**12,059,955**	**11,475,577**
TOTAL CURRENT YEAR GIFTS IN SUPPORT OF OPERATIONS	**329,840**	**265,368**
Net assets released from restrictions:		
Payments received on pledges	271,555	267,185
Prior year gifts released from donor restrictions	160,627	149,303
TOTAL NET ASSETS RELEASED FROM RESTRICTIONS	**432,182**	**416,488**
Investment income distributed for operations:		
Endowment	1,960,334	1,836,108
Expendable funds pools and other investment income	456,255	389,989
TOTAL INVESTMENT INCOME DISTRIBUTED FOR OPERATIONS	**2,416,589**	**2,226,097**
TOTAL SPECIAL PROGRAM FEES AND OTHER INCOME	**975,421**	**920,533**
TOTAL OPERATING REVENUES	**19,391,307**	**18,314,140**
OPERATING EXPENSES:		
Salaries and benefits	11,647,045	10,757,678
Depreciation	930,917	907,913
Other operating expenses	6,357,485	6,043,399
TOTAL OPERATING EXPENSES	**18,935,447**	**17,708,990**
CHANGE IN NET ASSETS FROM OPERATING ACTIVITIES	**$ 455,860**	**$ 605,150**

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

CONSOLIDATED STATEMENTS OF ACTIVITIES, Continued

For the years ended August 31, 2025 and 2024 (in thousands of dollars)

	2025	2024
NET ASSETS WITHOUT DONOR RESTRICTIONS (continued)		
CHANGE IN NET ASSETS FROM OPERATING ACTIVITIES	**$ 455,860**	**$ 605,150**
NON-OPERATING ACTIVITIES:		
Increase in reinvested gains	1,800,285	525,346
Donor advised funds, net	(86,028)	(64,292)
Current year gifts not included in operations	14,954	911
Capital and other gifts released from restrictions	218,503	73,773
Pension and other postemployment benefit related changes other than service cost	(27,745)	(47,089)
Transfer to net assets with donor restrictions, net	(146,058)	(69,381)
Swap interest and change in value of swap agreements	22,953	(4,768)
Other	894	(1,786)
NET CHANGE IN NET ASSETS WITHOUT DONOR RESTRICTIONS	**2,253,618**	**1,017,864**
NET ASSETS WITH DONOR RESTRICTIONS		
Gifts and pledges, net	1,157,815	1,053,616
Increase in reinvested gains	1,644,106	751,646
Change in value of split-interest agreements, net	55,467	60,539
Net assets released to operations	(452,162)	(437,011)
Capital and other gifts released to net assets without donor restrictions	(218,503)	(73,773)
Transfer from net assets without donor restrictions, net	146,058	69,381
Other	(7,269)	(5,419)
NET CHANGE IN NET ASSETS WITH DONOR RESTRICTIONS	**2,325,512**	**1,418,979**
NET CHANGE IN TOTAL NET ASSETS	**4,579,130**	**2,436,843**
Total net assets, beginning of year	63,542,729	61,105,886
TOTAL NET ASSETS, END OF YEAR	**$68,121,859**	**$63,542,729**

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

CONSOLIDATED STATEMENTS OF CASH FLOWS

For the years ended August 31, 2025 and 2024 (in thousands of dollars)

	2025	2024
CASH FLOW FROM OPERATING ACTIVITIES		
Change in net assets	$ 4,579,130	$ 2,436,843
Adjustments to reconcile change in net assets to net cash used for operating activities:		
Depreciation	933,674	910,570
Amortization of bond premiums, discounts and other	10,062	12,088
Accretion of discounts on bond investments	(63,072)	(89,050)
Net gains on investments	(6,107,245)	(2,772,756)
Change in fair value of interest rate swaps	(26,146)	3,914
Change in split-interest agreements	61,372	66,732
Change in deferred tax asset and liability	912,612	16,336
Gifts restricted for long-term investments	(737,154)	(601,162)
Gifts of securities, properties and interest in trusts	(19,560)	(45,850)
Other	47,958	445
Premiums received from bond issuance	88,891	39,460
Changes in operating assets and liabilities:		
Accounts receivable	(218,077)	(331,960)
Pledges receivable, net	64,059	16,623
Prepaid expenses and other assets	(120,399)	(51,313)
Accounts payable and accrued expenses	229,727	196,963
Accrued pension and postretirement benefit obligations	31,893	45,823
Lease liabilities	(28,760)	(24,626)
Deferred income and other obligations	248,695	24,494
NET CASH USED FOR OPERATING ACTIVITIES	**(112,340)**	**(146,426)**
CASH FLOW FROM INVESTING ACTIVITIES		
Additions to plant facilities, net	(1,299,448)	(1,323,454)
Faculty, student and other loans: new loans made	(194,649)	(185,630)
Faculty, student and other loans: principal collected	66,340	84,276
Purchases of investments	(19,642,192)	(18,853,940)
Sales and maturities of investments	20,600,250	19,160,586
Change associated with short term investments	161,259	63,854
Swap settlement payments, net	(2,697)	(776)
NET CASH USED FOR INVESTING ACTIVITIES	**(311,137)**	**(1,055,084)**
CASH FLOW FROM FINANCING ACTIVITIES		
Gifts and reinvested income for long-term purposes	619,146	690,894
Proceeds from borrowing	1,806,803	1,543,610
Repayment of notes and bonds payable	(866,669)	(1,220,317)
Contributions received for split-interest agreements	40,474	19,657
Payments made under split-interest agreements	(57,913)	(55,697)
Commercial paper and variable rate debt proceeds (repayments), net	18,400	(22,505)
Other	(14,623)	(11,879)
NET CASH PROVIDED BY FINANCING ACTIVITIES	**1,545,618**	**943,763**
DECREASE IN CASH AND CASH EQUIVALENTS	**1,122,141**	**(257,747)**
Cash and cash equivalents, beginning of year	1,889,468	2,147,215
CASH AND CASH EQUIVALENTS, END OF YEAR	**$ 3,011,609**	**$ 1,889,468**
SUPPLEMENTAL DATA:		
Cash and cash equivalents as shown in the *Statements of Financial Position*	$ 2,684,196	$ 1,726,991
Restricted cash and cash equivalents included in assets limited as to use	233,012	61,603
Restricted cash included in other assets	15,108	15,673
Cash and restricted cash included in investments	79,293	85,201
TOTAL CASH AND CASH EQUIVALENTS AS SHOWN ON THE STATEMENTS OF CASH FLOWS	**$ 3,011,609**	**$ 1,889,468**
Interest paid, net of capitalized interest	$ 336,621	$ 323,192
Change in payables for plant facilities	$ 8,579	$ (59,864)
Right-of-use assets obtained in exchange for lease liabilities	$ 179,024	$ 169,772

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

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

1. Summary of Significant Accounting Policies

ORGANIZATION

The *Consolidated Financial Statements* include the accounts of The Leland Stanford Junior University ("Stanford University" or the "University"), Stanford Health Care (SHC), Lucile Salter Packard Children's Hospital at Stanford (LPCH) and other majority-owned or controlled entities of the University, SHC and LPCH. Collectively, all of these entities are referred to as "Stanford". LPCH and its controlled entities comprise and are known in the marketplace as Stanford Medicine Children's Health. All significant inter-entity transactions and balances have been eliminated in consolidation.

University

The University is a private, not-for-profit educational institution, founded in 1885 by Senator Leland and Mrs. Jane Stanford in memory of their son, Leland Stanford Jr. A Board of Trustees (the "Board") governs the University. The University information presented in the *Consolidated Financial Statements* comprises all of the accounts of the University, including its institutes and research centers, and the Stanford Management Company.

SLAC National Accelerator Laboratory (SLAC) is a federally funded research and development center owned by the U.S. Department of Energy (DOE). The University manages and operates SLAC for the DOE under a management and operating contract; accordingly, the revenues and expenditures of SLAC are included in the *Consolidated Statements of Activities*, but SLAC's DOE funded assets and liabilities are not included in the *Consolidated Statements of Financial Position*. SLAC employees are University employees and participate in the University's employee benefit programs. The University holds some receivables from the DOE substantially related to reimbursement for employee compensation and benefits.

Hospitals

SHC and LPCH (the "Hospitals") are California not-for-profit public benefit corporations, each governed by a separate Board of Directors. The University is the sole member of each of these entities. SHC and LPCH support the mission of medical education and clinical research of the University's School of Medicine (SOM). Collectively, the SOM and Hospitals comprise Stanford Medicine. SHC and LPCH operate two licensed acute care and specialty hospitals on the Stanford campus, a leading community acute care hospital, and numerous physician clinics on the campus, in community settings and in association with regional hospitals in the San Francisco Bay Area and elsewhere in California. The University has partnered with SHC and LPCH, respectively, to establish physician medical foundations to support Stanford Medicine's mission of delivering quality care to the community and conducting research and education.

TAX STATUS

The University, SHC and LPCH are exempt from federal and state income taxes to the extent provided by Section 501(c)(3) of the Internal Revenue Code and equivalent state provisions, except with regard to unrelated business income which is taxable at corporate income tax rates, compensation excise tax, and investment income excise tax.

Management regularly evaluates its tax positions and does not believe the University, SHC or LPCH have any uncertain tax positions that require disclosure in or adjustment to the *Consolidated Financial Statements*. The University, SHC and LPCH are subject to routine audits by taxing jurisdictions. Management of each of the consolidated entities believes they are no longer subject to income tax examinations for fiscal years prior to August 31, 2021.

Net investment income excise tax - Under the Tax Cuts and Jobs Act, the University is subject to a 1.4% excise tax on its net investment income as defined under the Internal Revenue Code which, among other things, includes net investment income of certain related entities, including SHC and LPCH. In 2025, Public Law 119-21 (H.R.1) informally known as the One Big Beautiful Bill Act (OBBBA) was enacted, raising the excise tax rate to 8%, effective in fiscal year 2027. Stanford's deferred tax liability reflects the estimated future tax payments on unrealized investment gains which are recognized for financial reporting but are not subject to excise tax until realized upon sale. The current tax liability represents taxes due on gains that have already been realized.

Based on reasonable estimates, as of August 31, 2025 and 2024, the University has recorded deferred tax liabilities of $1.1 billion and $200.5 million, respectively, and current tax liabilities of $23.0 million and $19.8 million, respectively, in "liabilities associated with

investments" in the *Consolidated Statements of Financial Position*. Of the August 31, 2025 deferred and current tax liabilities, $90.3 million and $30.0 million are attributable to SHC and LPCH, respectively, and have been recorded by the University as "related party tax receivables" in the *Consolidating Statements of Financial Position* in *Note 21*. Current and deferred investment income excise tax is recorded as a reduction to "increase (decrease) in reinvested gains" in the *Consolidated Statements of Activities*. For the years ended August 31, 2025 and 2024, the University recorded deferred tax expense of $792.8 million and $16.3 million, respectively and current tax expense of $37.0 million and $31.9 million, respectively.

BASIS OF PRESENTATION

The *Consolidated Financial Statements* are prepared in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP"). These principles require management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the *Consolidated Financial Statements* and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Certain prior year amounts have been reclassified to conform to the current year's presentation. These reclassifications had no impact on total net assets or the change in total net assets.

For financial reporting purposes, net assets and revenues, expenses, gains and losses are classified into one of two categories - net assets without donor restrictions and net assets with donor restrictions, based on the existence or absence of legal or donor-imposed restrictions (see *Note 10*).

Net assets without donor restrictions are expendable resources which are not subject to donor-imposed restrictions. These net assets may be designated by Stanford for specific purposes under internal operating and administrative arrangements or be subject to contractual agreements with external parties (see *Note 10*).

Net assets with donor restrictions include gifts, pledges and split-interest agreements (a) which by donor stipulation must be made available in perpetuity for investment or specific purposes, or (b) for which legal or donor-imposed restrictions have not yet been met. Such restrictions include purpose restrictions where donors have specified the purpose for which the net assets are to be spent, time restrictions imposed by donors, or appreciation and income on certain donor-restricted endowment funds that have not yet been appropriated for spending (see *Note 11*).

Gifts and pledges subject to donor-imposed restrictions for specific purposes are recorded as net assets with donor restrictions and reclassified to net assets without donor restrictions upon expiration of time and purpose restrictions. Donor-restricted resources intended for capital projects are initially recorded as "Net assets with donor restrictions" and then released and reclassified as "Net assets without donor restrictions" when the asset is placed in service. Contributions with donor restrictions that are received and expended or deemed expended, based on the nature of donors' restrictions, in the same fiscal year are recorded as "Net assets without donor restrictions".

Transfers from net assets without donor restrictions to net assets with donor restrictions are primarily the result of donor redesignations or matching funds that are added to donor gift funds which then take on the same restrictions as the donor gift.

The operating activities of Stanford include the revenues earned and expenses incurred in the current year to support education, research, and health care. The non-operating activities of Stanford include increases in reinvested gains, current year gifts not included in operations, capital and other gifts released from restrictions, pension and other postemployment benefit related changes other than service cost, and certain other non-operating activities. All expenses are recorded as a reduction of net assets without donor restrictions with the exception of investment expenses that are required to be netted against investment returns.

CASH AND CASH EQUIVALENTS

"Cash and cash equivalents" included in the *Consolidated Statements of Financial Position* primarily consist of cash, U.S. Treasury bills, certificates of deposit, repurchase agreements, money market funds and all other short-term investments available for current operations with original maturities of 90 days or less at the time of purchase. These amounts are carried at amortized cost, which approximates fair value. Cash and cash equivalents that are held for investment purposes are classified as investments (see *Note 6*). The University has elected the policy to treat cash equivalents held for investment as short-term investments, and are therefore excluded from "Cash and cash equivalents" on the *Consolidated Statements of Cash Flows.*

ASSETS LIMITED AS TO USE

Assets limited as to use consist of deferred compensation plan assets and tax-exempt bond proceeds as described below.

Deferred compensation plan assets

The University's custodians hold 457(b) non-qualified deferred compensation plan assets under a grantor trust which requires that they be used to satisfy plan obligations to participants and beneficiaries unless the University becomes insolvent. The funds are primarily invested in mutual funds, at the participants' discretion, which are valued based on quoted market prices (and exchange rates, if applicable) on the last trading date of the principal market on or before August 31. Plan assets are primarily classified as Level 1 based in the Fair Value Hierarchy discussed in *Note 6*.

Tax-exempt bond proceeds

The proceeds of tax-exempt bonds issued for the benefit of the University and trustee-held accounts holding proceeds of tax-exempt bonds issued for the benefit of SHC and LPCH are limited by the terms of indentures to use for qualified capital projects. The assets consist of cash and cash equivalents, recorded at amortized cost, which approximates fair value.

ACCOUNTS AND LOANS RECEIVABLE

Accounts and loans receivable are carried at cost, less an allowance for credit losses.

PREPAID EXPENSES

Prepaid expenses consist of amounts paid in advance for goods or services that will be received after the end of the fiscal year.

OTHER ASSETS

Other assets consist of items not classified in separate asset categories and include inventory, equity method investments, intangible assets, capitalized cloud computing implementation costs, and other.

PLEDGES RECEIVABLE

Unconditional promises to give are included in the *Consolidated Financial Statements* as "Pledges receivable, net" and are classified as net assets with donor restrictions. Pledges recognized on or after September 1, 2009 are recorded at an applicable risk-adjusted discount rate commensurate with the duration of the donor's payment plan. Pledges recognized in periods prior to September 1, 2009 were recorded at a discount based on the U.S. Treasury rate. Conditional promises to give are not recorded until specified obligations or barriers, such as milestones or performance targets, are met.

INVESTMENTS

Investments are recorded at fair value. Gains and losses (realized and unrealized) on investments are recognized in the *Consolidated Statements of Activities* (see *Note 6*).

PLANT FACILITIES

Plant facilities are recorded at cost or, for donated assets, at fair value at the date of donation, except for land and improvements previously reported as "Investments" and reclassified as "Plant facilities". Such land and improvements are reported at fair value as of the date of reclassification in accordance with interpreted accounting guidance. Interest expense for construction financing, net of income earned on unspent proceeds, is capitalized as a cost of construction. Depreciation is computed using the straight-line method over the estimated useful lives of the assets. The useful lives used in calculating depreciation for the years ended August 31, 2025 and 2024 are as follows:

Land improvements	5-25 years
Buildings and building improvements	3-50 years
Furniture, fixtures and equipment	3-20 years
Utilities	5-40 years

WORKS OF ART AND SPECIAL COLLECTIONS

Works of art, historical treasures, literary works and artifacts, which are preserved and protected for educational, research and public exhibition purposes, are not capitalized. Donations of such collections are not recorded for financial statement purposes. Purchases of collection items are recorded as operating expenses in the period in which they are acquired. Proceeds from sales of such items are used to acquire other items for the collections.

DONATED ASSETS

Donated assets, other than works of art and special collections, are recorded at fair value at the date of donation. Undeveloped land, including land acquired under the original endowment to the University from Senator Leland and Mrs. Jane Stanford, is reported at fair value as of the date of acquisition. Under the terms of the original founding grant, a significant portion of University land may not be sold.

DONOR ADVISED FUNDS

The University receives gifts from donors under donor advised fund (DAF) agreements. These funds are owned and controlled by the University and are separately identified by donor. A significant portion of the gift must be designated to the University. At August 31, 2025 and 2024, $594.8 million and $679.9 million, respectively, of DAFs may be used to support other approved charities; the donors have advisory privileges with respect to the distribution of these funds.

Current year gifts under the DAF agreements are included in the *Consolidated Statements of Activities* as "Donor advised funds, net" at the full amount of the gift. Transfers of funds to other charitable organizations are included in the *Consolidated Statements of Activities* as a reduction to "Donor advised funds, net" at the time the transfer is made.

SPLIT-INTEREST AGREEMENTS

Split-interest agreements consist of arrangements with donors where Stanford has an interest in the assets and receives benefits that are shared with other beneficiaries. Stanford's split-interest agreements with donors, for which Stanford serves as trustee, consist primarily of irrevocable charitable remainder trusts, charitable gift annuities, pooled income funds, perpetual trusts and charitable lead trusts. Assets are invested and payments are made to donors or other beneficiaries in accordance with the respective agreements. Contribution revenues are recognized at the date the agreements are established. The fair value of the estimated future payments to beneficiaries under these agreements is recorded as a liability.

The assets held under split-interest agreements, where the University is the trustee, were $1.2 billion and $1.1 billion at August 31, 2025 and 2024, respectively, and were recorded in specific investment categories. The assets held under split-interest agreements, where LPCH is the trustee, were $12.4 million and $13.1 million at August 31, 2025 and 2024, respectively, and were recorded in specific investment categories. Liabilities for the discounted present value of any income beneficiary interest are reported in "Liabilities associated with investments" in the *Consolidated Statements of Financial Position*, and were $682.7 million and $664.5 million at August 31, 2025 and 2024, respectively, and were classified as Level 2 based on the Fair Value Hierarchy discussed in *Note 6*. At August 31, 2025 and 2024, the University and LPCH used discount rates of 4.8% and 5.2%, respectively, based on the Charitable Federal Midterm Rate.

For irrevocable split-interest agreements whose assets are held in trusts not administered by the University, Stanford recognizes the estimated fair value of its beneficial interest in the trust assets and the associated gift revenue when reported to Stanford. These split-interest agreements are recorded in the "Assets held by other trustees" category of "Investments" in the *Consolidated Statements of Financial Position* as described in *Note 6*.

During fiscal years 2025 and 2024, the discounted present value of new University gifts subject to split-interest agreements, net of any income beneficiary share, was $32.2 million and $53.5 million, respectively, and was included in net assets with donor restrictions as "Gifts and pledges, net" in the *Consolidated Statements of Activities*. Actuarial gains or losses were included in "Change in value of split-interest agreements, net" in the *Consolidated Statements of Activities*.

DEFERRED INCOME AND OTHER OBLIGATIONS

Deferred income and other obligations consist of advance payments of rental income, student tuition, student room and board, sponsored support, and support of other operating programs, as well as obligations for deferred compensation, repurchases, and

asset retirement. Revenue is recognized as it is earned or as the associated conditions are satisfied. In addition, the University records other deferred income and obligations as described below.

Deferred rental income

As part of its investment portfolio, the University holds certain investment properties that it leases to third parties under non-cancellable leases. In some lease transactions with properties in the Stanford Research Park and other properties, including the Stanford Shopping Center, prepaid rent is received, recorded as deferred rental income and amortized over the term of the lease (see also the *Future Minimum Rental Income* section in *Note 6*). As of August 31, 2025 and 2024, deferred rental income was $867.7 million and $875.5 million, respectively.

457(b) deferred compensation plan

The University offers a non-qualified deferred compensation plan under Internal Revenue Code 457(b) to a select group of highly compensated employees. The University does not make any contribution to the plan. The University has recorded both an asset and a liability related to the plan of $600.6 million and $498.0 million as of August 31, 2025 and 2024, respectively; the assets are included in "Assets limited as to use" in the *Consolidated Statements of Financial Position*.

Repurchase obligations

In an effort to provide affordable housing, certain residential units are offered to eligible faculty and staff under long-term restricted ground leases. These units are located on or in close proximity to Stanford's campus. The cost of the units that are constructed or purchased by the University is included in "Plant facilities, net of accumulated depreciation" in the *Consolidated Statements of Financial Position*.

The University has the obligation to repurchase certain residential units when specified triggering events occur. As of August 31, 2025 and 2024, Stanford has recognized a net repurchase obligation of $199.1 million and $177.3 million, respectively, to repurchase its interests in these residential units, net of home mortgage financing assistance provided by the University of $258.2 million and $246.3 million, respectively (see *Note 5*). The change in the repurchase obligation and the original purchase price is recorded as interest accretion and is reflected in "Other operating expenses" in the *Consolidated Statements of Activities*. For the years ended August 31, 2025 and 2024, interest accretion was $19.7 million and $18.0 million, respectively.

Asset retirement obligations

Asset retirement obligations are legal obligations associated with the retirement of long-lived assets. These liabilities are initially recorded at fair value and the related asset retirement costs are capitalized at the same amount as the liability. Asset retirement costs are subsequently amortized over the useful lives of the related assets and the obligations are increased based on an appropriate discount rate. As of August 31, 2025 and 2024, the University had asset retirement obligations of $10.7 million and $12.0 million, respectively. SHC had asset retirement obligations of $119.8 million and $117.1 million, respectively.

SELF-INSURANCE

The University self-insures at varying levels for unemployment, disability, workers' compensation, property losses, certain health care plans and general, auto, cyber and professional liability losses. SHC and LPCH self-insure at varying levels for general and cyber liability risks, postretirement medical benefits, health care plans, workers' compensation and, through their captive insurance company, for professional liability losses. In some cases, third-party insurance is purchased to cover liabilities in excess of self-insured retentions. Estimates of retained self-insured losses are reserved and accrued.

INTEREST RATE EXCHANGE AGREEMENTS

The University and SHC have entered into several interest rate exchange agreements to reduce the effect of interest rate fluctuation on their variable rate revenue bonds and notes. Accounting guidance for derivatives and hedges requires entities to recognize all derivative instruments at fair value. The University and SHC do not designate and qualify their derivatives for hedge accounting; accordingly, any changes in the fair value (i.e. gains or losses) flow directly to the *Consolidated Statements of Activities* as a non-operating activity in "Swap interest and change in value of swap agreements." The settlements (net cash payments less receipts) under the interest rate exchange agreements are also recorded in the *Consolidated Statements of Activities* in "Swap interest and change in value of swap agreements."

The University has also entered into interest rate exchange agreements to reduce the effect of interest rate fluctuations of certain investment positions (see *Note 7*).

REVENUE

Student income and financial aid

"Student income, net" reported in the *Consolidated Statements of Activities* consists of tuition, room and board, and other student fees from undergraduate and graduate students which are recognized as revenue ratably during the fiscal year in which the academic services are rendered. The University also provides financial aid in the form of scholarship and fellowship grants that cover a portion of tuition, room and board, and other student fees; this financial assistance is reflected as a reduction of student income. Student payments are due at the beginning of each academic term. Payments received for future academic terms are recorded as deferred income and totaled $25.1 million and $30.7 million for the years ended August 31, 2025 and 2024, respectively. These payments are recognized in the subsequent fiscal year. The following table presents student income, net of financial aid, for the years ended August 31, in thousands of dollars:

	2025	2024
Student income:		
Undergraduate programs	$ 515,172	$ 502,286
Graduate programs	485,091	455,772
Room and board	318,157	303,069
Student financial aid	(473,152)	(458,643)
TOTAL STUDENT INCOME, NET	**$ 845,268**	**$ 802,484**

In addition to student financial aid, the University also provided other graduate support in the form of stipends, teaching and research assistantships, and related allowances for tuition. These amounts are reflected in operating expenses.

Sponsored support

The University conducts substantial research pursuant to contracts and grants from the federal government, state and local governments, corporations, foundations and others. Sponsored support earned from the federal government (including SLAC) is the largest segment of sponsored support. For the years ended August 31, 2025 and 2024, federal sponsored support was $1.9 billion and $1.8 billion, respectively. The Office of Naval Research is the University's cognizant federal agency for determining indirect cost rates charged to federally sponsored agreements. It is supported by the Defense Contract Audit Agency, which has the responsibility for auditing direct and indirect charges under those agreements.

The majority of University sponsored support is considered contribution revenue and is recognized when any sponsor-imposed conditions have been met, typically when qualifying expenditures are incurred. Sponsored contribution revenue for each of the years ended August 31, 2025 and 2024 was $1.4 billion.

Other sponsored arrangements are considered exchange transactions and revenue is recognized in accordance with the terms of each contract or grant which are primarily based on costs incurred, completion of milestones, or other obligations as specified in the contracts. For the years ended August 31, 2025 and 2024, the University recognized $176.4 million and $165.1 million in revenue from exchange contracts, respectively.

SLAC is managed and operated by the University for the DOE under a management and operating contract, which is considered to be an exchange transaction. The University operates SLAC, and the DOE is obligated to pay for allowable operating costs. The University recognizes revenue from the DOE as costs are incurred in the management and operation of SLAC per the terms of the contract. Revenue of $757.0 million and $635.9 million was recognized for the years ended August 31, 2025 and 2024, respectively.

Deferred income of $236.4 million and $188.7 million was recorded at August 31, 2025 and 2024, respectively, for payments received from sponsors that have not been earned. During the years ended August 31, 2025 and 2024, $151.1 million and $165.7 million of revenue was recognized that was included in the prior year deferred income balance, respectively. In addition, as of both August 31, 2025 and 2024, the University had been awarded $1.3 billion in sponsored support for which the conditions to recognize revenue have not been met. These are conditional contributions and are not recorded in the *Consolidated Financial Statements*.

Health Care Services

"Total health care services" is reported in the *Consolidated Statements of Activities* at the estimated net realizable amounts from patients, third-party payers, and others for services rendered (collectively, "Patient care revenue"). Estimated net realizable amounts represent amounts due, net of price concessions. Price concessions are based on management's assessment of expected net collections considering economic conditions, historical experience, trends in health care coverage and other collection indicators. SHC and LPCH derive a majority of patient care revenues from contractual agreements with Medicare, Medi-Cal and other third-party payers. Payments under these agreements and programs are based on a variety of payment models (see *Note 12*). Health care revenue is recognized as services are rendered either at a point in time or, for inpatient acute care services, over time generally from admission to discharge. Generally, patients and third-party payers are billed several days after services are performed or shortly after discharge. Substantially all health care revenue relates to contracts with customers with a duration of less than one year. SHC and LPCH report accounts receivable net of estimated pricing concessions and any allowance for credit losses. The process for estimating the ultimate collectibility of receivables involves historical collection experience, changes in contracts with payors, aging behaviors of receivables, and future market and economic conditions.

The University has entered into various operating agreements with SHC and LPCH for the professional services of SOM faculty members, and for non-physician services such as telecommunications, facilities, and other services. The payments by the Hospitals to the University for professional and other services are eliminated in consolidation.

SHC and LPCH provide care to patients who meet certain criteria under their charity care policies without charge or at amounts less than their established rates. The Hospitals do not record revenue for amounts determined to qualify as charity care (see *Note 12*).

Gifts

Gifts are contributions primarily received from donors such as alumni and other private individuals, trusts, and foundations. Gifts may be designated by donors for specific purposes; accordingly, they are recognized in the period received and in the appropriate net asset category based on the presence or absence of donor restrictions on their use. Contributions designated for the acquisition of plant facilities and long-term investments are initially reported in net assets with donor restrictions.

Gifts are considered conditional if the terms of the agreement include both a requirement for Stanford to meet certain specified obligations, or barriers, such as milestones or performance targets, and a refund of amounts paid (or a release from obligation to make future payments). Conditional gifts are not recorded until the obligations or barriers are met.

Special Program Fees and Other Income

Special program fees and other income consists of several streams of income from exchange contracts including instruction fees for professional education programs, membership affiliation fees, rental income, travel and camp programs, distributions from athletic conferences, and various other types of income. Depending on the program, revenue is recognized at a point in time or over time as obligations are met.

RECENT ACCOUNTING PRONOUNCEMENTS

Periodically, the Financial Accounting Standards Board (FASB) issues updates to the Accounting Standards Codification (ASC) which impact Stanford's financial reporting and related disclosures. The following paragraph summarizes relevant updates.

Leases: Common Control Arrangements

Accounting Standards Update (ASU) 2023-01, FASB Issue Date: March 2023, Effective Date: Fiscal Year 2025

ASU 2023-01 introduces new leasing guidance for entities under common control. The amendments provide a practical expedient for in-scope entity to use the written terms and conditions of a common control arrangement to determine whether it contains a lease and if so the classification of and the accounting for that lease. The amendments also require entities with common control leases to amortize the associated leasehold improvements over the useful life of those assets to the common control group, regardless of the lease term. The accounting requirements of these updates were adopted in fiscal year 2025 and did not have a material impact on the Consolidated Financial Statements.

2. Financial Assets and Liquid Resources

OVERVIEW

Stanford closely monitors its liquidity requirements and structures its financial assets to meet its short and long-term needs and contractual commitments. To meet these needs, Stanford holds investments in various pools or in specific assets with varying degrees of liquidity, as well as having an authorized short-term commercial paper program. Stanford also has access to additional short-term financing facilities such as revolving lines of credit that can be available for unexpected liquidity needs (see *Note 9*).

OPERATIONS

The University, SHC and LPCH each manage their own operating cash through short-term investment pools. The primary investment objective for these funds is to preserve the principal value of the portfolio while meeting the liquidity needs of each of the entities. Cash flows vary seasonably during the year due to a variety of factors including timing of donor contributions, the University's academic calendar and the Hospitals' patient admission cycles. For working capital purposes, cash is managed by matching the timing of inflows and outflows as closely as possible, combined with active use of cash forecasting models to manage investment timing. Operating liquidity is tracked daily and reported weekly to provide management visibility. As noted above, back up borrowing facilities are also available to meet working capital needs.

MERGED POOL

The Merged Pool (MP) is the primary investment pool for endowment and other long-term funds for the University and the Hospitals. Approximately 12% of the MP consists of liquid investments, with the balance representing investments which are generally subject to constraints which either limit Stanford's ability to withdraw such capital or limit the amounts available for withdrawal at given redemption dates. The MP further maintains sufficient liquidity to distribute the monthly endowment payout in support of University operating expenditures, and to meet unfunded commitments associated with certain alternative investments. It is not the intention of the University to utilize its financial assets without donor restrictions - including board designated endowment funds - that are invested for the long-term for unplanned operating commitments; however, amounts could be made available from these sources if necessary, except for those underlying investments with lock-up provisions (see *Note 6)*.

Financial assets and liquid resources available within one year of the balance sheet date at August 31, 2025 and 2024, in thousands of dollars, are as follows:

	UNIVERSITY	SHC	LPCH	CONSOLIDATED
2025				
Financial assets:				
Cash and cash equivalents	$ 1,846,394	$ 406,595	$ 431,207	$ 2,684,196
Assets limited as to use available for current use	215,984	—	—	215,984
Accounts receivable, net	341,631	1,413,354	798,291	2,553,276
Pledges receivable available for operations	372,252	—	38,221	410,473
Investments available for current use	308,556	3,227,822	847,736	4,384,114
Endowment payout in support of operations	2,011,300	—	94,412	2,105,712
Financial assets available to meet cash needs for general expenditure within one year	5,096,117	5,047,771	2,209,867	12,353,755
Liquid resources available for use:				
Taxable commercial paper	500,000	150,000	—	650,000
Tax-exempt commercial paper	300,000	200,000	—	500,000
Revolving credit facilities	400,000	100,000	200,000	700,000
TOTAL FINANCIAL ASSETS AND LIQUID RESOURCES AVAILABLE WITHIN ONE YEAR	**$ 6,296,117**	**$ 5,497,771**	**$ 2,409,867**	**$ 14,203,755**
2024				
Financial assets:				
Cash and cash equivalents	$ 886,227	$ 446,748	$ 394,016	$ 1,726,991
Assets limited as to use available for current use	53,311	—	—	53,311
Accounts receivable, net	353,683	1,197,687	777,650	2,329,020
Pledges receivable available for operations	363,723	—	28,084	391,807
Investments available for current use	595,208	2,909,160	752,551	4,256,919
Endowment payout in support of operations	1,902,700	—	84,862	1,987,562
Financial assets available to meet cash needs for general expenditure within one year	4,154,852	4,553,595	2,037,163	10,745,610
Liquid resources available for use:				
Taxable commercial paper	276,585	150,000	—	426,585
Tax-exempt commercial paper	242,500	200,000	—	442,500
Revolving credit facilities	466,317	100,000	200,000	766,317
TOTAL FINANCIAL ASSETS AND LIQUID RESOURCES AVAILABLE WITHIN ONE YEAR	**$ 5,140,254**	**$ 5,003,595**	**$ 2,237,163**	**$ 12,381,012**

3. Accounts Receivable

Accounts receivable, net of allowance for credit losses, at August 31, 2025 and 2024, in thousands of dollars, are as follows:

	UNIVERSITY	SHC	LPCH	CONSOLIDATED
2025				
U.S. government sponsors	$ 167,528	$ —	$ 2,456	$ 169,984
Non-federal sponsors and programs	72,680	—	23	72,703
Accrued interest on investments	42,948	—	—	42,948
Student	16,955	—	—	16,955
Patient and third-party payers	—	1,413,354	782,060	2,195,414
Other	95,397	128,002	13,752	237,151
	395,508	1,541,356	798,291	2,735,155
Less allowance for credit losses	(10,296)	—	—	(10,296)
ACCOUNTS RECEIVABLE, NET	**$ 385,212**	**$ 1,541,356**	**$ 798,291**	**$ 2,724,859**
2024				
U.S. government sponsors	$ 187,150	$ 3,065	$ 2,921	$ 193,136
Non-federal sponsors and programs	66,049	5,308	52,051	123,408
Accrued interest on investments	22,073	—	—	22,073
Student	12,658	—	—	12,658
Patient and third-party payers	—	1,197,687	711,310	1,908,997
Other	95,675	149,762	11,368	256,805
	383,605	1,355,822	777,650	2,517,077
Less allowance for credit losses	(7,122)	—	—	(7,122)
ACCOUNTS RECEIVABLE, NET	**$ 376,483**	**$ 1,355,822**	**$ 777,650**	**$ 2,509,955**

The concentration of credit risk relating to patient and third-party payers accounts receivable for the Hospitals is limited by the diversity and number of the patients and payers. Patient accounts receivable consist of amounts due from governmental programs, commercial insurance companies, private pay patients, and other third-party payors.

The Hospitals have some payors representing more than 10% of their patient receivables balance, however, significant credit risk does not exist with these payors.

4. Pledges Receivable

Pledges are recorded at discounted rates ranging from 1.2% to 5.4%. At August 31, 2025 and 2024, pledges receivable, net of discounts and allowances, in thousands of dollars, are as follows:

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
2025					
One year or less	$ 859,141	$ 6,328	$ 80,191	$ (20,470)	$ 925,190
Between one year and five years	1,491,637	13,499	65,416	(26,413)	1,544,139
More than five years	515,042	750	8	(600)	515,200
	2,865,820	20,577	145,615	(47,483)	2,984,529
Less discounts and allowances	(305,896)	(2,490)	(7,135)	—	(315,521)
PLEDGES RECEIVABLE, NET	**$ 2,559,924**	**$ 18,087**	**$ 138,480**	**$ (47,483)**	**$ 2,669,008**
2024					
One year or less	$ 781,129	$ 19,734	$ 73,300	$ (34,556)	$ 839,607
Between one year and five years	1,567,081	19,573	54,172	(19,653)	1,621,173
More than five years	468,720	1,000	25,011	—	494,731
	2,816,930	40,307	152,483	(54,209)	2,955,511
Less discounts and allowances	(273,308)	(4,551)	(8,215)	—	(286,074)
PLEDGES RECEIVABLE, NET	**$ 2,543,622**	**$ 35,756**	**$ 144,268**	**$ (54,209)**	**$ 2,669,437**

The University had total conditional pledges of $24.9 million and $14.6 million at August 31, 2025 and 2024, respectively, which are subject to specified future events. LPCH had conditional pledges of $5.2 million and $5.4 million at August 31, 2025 and 2024. SHC had no conditional pledges at August 31, 2025 and 2024.

Lucile Packard Foundation for Children's Health (LPFCH) is the primary community fundraising agent for LPCH and the pediatric faculty and programs at the University's SOM. Pledges received by LPFCH on behalf of the University are recorded by the University as beneficial interest in LPFCH. At August 31, 2025 and 2024 the University held $47.5 million and $54.2 million, respectively, of beneficial interest in LPFCH, which is included in "Pledges receivable, net", and eliminated in consolidation.

5. Loans Receivable

Loans receivable consist primarily of University student loans receivable and faculty and staff mortgages. University management regularly assesses the adequacy of the allowance for expected credit losses of its loans by performing ongoing evaluations considering the differing economic risks associated with each loan category, the financial condition of specific borrowers, the current and reasonable forecasts of future economic conditions in which the borrowers operate, the level of delinquent loans and the value of any collateral.

STUDENT LOANS RECEIVABLE

Student loans receivable consist of institutional and federally-sponsored loans due from both current and former students. Student loans and allowance for student loan losses at August 31, 2025 and 2024, in thousands of dollars, are as follows:

	2025	2024
Institutional loans	$ 31,176	$ 30,732
Federally-sponsored loans	4,259	5,551
	35,435	36,283
Less allowance for student loan losses	(4,319)	(2,631)
STUDENT LOANS RECEIVABLE, NET	**$ 31,116**	**$ 33,652**

Institutional loans are funded by donor funds restricted for student loan purposes and University funds made available to meet demand for student loan borrowing in specific situations. Federally-sponsored loans are funded by advances to the University primarily under the Federal Perkins Loan Program.

FACULTY AND STAFF MORTGAGES

In a program to attract and retain excellent faculty and senior staff, the University provides home mortgage financing assistance, primarily in the form of subordinated loans. The loans and mortgages are collateralized by deeds of trust on properties concentrated in the region surrounding the University. Notes receivable amounting to $1.3 billion and $1.2 billion at August 31, 2025 and 2024, respectively, from University faculty and staff are included in “Faculty and staff mortgages and other loans receivable, net” in the *Consolidated Statements of Financial Position*.

The August 31, 2025 and 2024 amounts are net of the University’s recorded obligation to repurchase certain residential units sold under long-term restricted ground leases of $258.2 million and $246.3 million, respectively. See the *Repurchase Obligations* section of *Note 1*.

6. Investments

Investments are measured and recorded at fair value. The valuation methodology, investment categories, fair value hierarchy, certain investment activities and related commitments for fiscal years 2025 and 2024 are presented below. Investments held by Stanford at August 31, 2025 and 2024, in thousands of dollars, are as follows:

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
2025					
Investment assets:					
Cash and short-term investments	$ 1,157,786	$ 69,487	$ 4,669	$ —	$ 1,231,942
Public equities	9,373,201	1,302,303	62,445	—	10,737,949
Derivatives	(5,890)	—	—	—	(5,890)
Fixed income	3,541,754	1,659,733	112,894	—	5,314,381
Real estate	9,599,014	—	6,271	—	9,605,285
Natural resources	1,612,122	—	6,349	—	1,618,471
Private equity	21,512,276	—	40,247	—	21,552,523
Absolute return	8,913,787	—	20,692	—	8,934,479
Assets held by other trustees	140,932	—	19,907	—	160,839
Other	921,383	41,827	—	—	963,210
Total	56,766,365	3,073,350	273,474	—	60,113,189
Hospitals' funds invested in the University's investment pools	(5,097,953)	3,803,681	1,285,731	8,541	—
INVESTMENTS AT FAIR VALUE	**$51,668,412**	**$ 6,877,031**	**$ 1,559,205**	**$ 8,541**	**$ 60,113,189**

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
2024					
Investment assets:					
Cash and short-term investments	$ 1,033,901	$ 104,370	$ 5,823	$ —	$ 1,144,094
Public equities	9,854,591	1,629,163	58,982	—	11,542,736
Derivatives	(5,873)	—	—	—	(5,873)
Fixed income	3,292,482	1,046,482	108,328	—	4,447,292
Real estate	9,295,318	—	6,499	—	9,301,817
Natural resources	1,633,403	—	6,929	—	1,640,332
Private equity	18,124,626	—	36,660	—	18,161,286
Absolute return	7,808,048	—	21,919	—	7,829,967
Assets held by other trustees	178,870	—	19,183	—	198,053
Other	901,535	35,550	—	—	937,085
Total	52,116,901	2,815,565	264,323	—	55,196,789
Hospitals' funds invested in the University's investment pools	(4,162,630)	3,012,367	1,142,094	8,169	—
INVESTMENTS AT FAIR VALUE	**$47,954,271**	**$ 5,827,932**	**$ 1,406,417**	**$ 8,169**	**$ 55,196,789**

VALUATION METHODOLOGY

To the extent available, Stanford's investments are recorded at fair value based on quoted prices in active markets on a trade-date basis. Stanford's investments that are listed on any U.S. or non-U.S. recognized exchanges are valued based on readily available market quotations. When such inputs do not exist, fair value measurements are based on the best available information and usually require a degree of judgment. For alternative investments, which are principally interests in limited partnerships or similar investments in private equity, real estate, natural resources, public equities and absolute return funds, the value is primarily based on the Net Asset Value (NAV) of the underlying investments as a practical expedient. The NAV is reported by external investment managers in accordance with their policies as described in their respective financial statements and offering memoranda. The most recent NAV reported is adjusted for any investment-related transactions such as capital calls or distributions and significant known valuation changes of its related portfolio through August 31, 2025 and 2024, respectively. These investments are generally less liquid

than other investments, and the values reported may differ from those that would have been reported had a readily available market existed for these investments.

The University exercises due diligence in assessing the policies, procedures, and controls implemented by its external investment managers and believes its proportionate share of the carrying amount of these alternative investments is a reasonable estimate of fair value. Such due diligence procedures include, but are not limited to, ongoing communication, on-site visits, and review of information from external investment managers as well as review of performance. In conjunction with these procedures, estimated fair value is determined by consideration of a range of factors, such as market conditions, redemption terms and restrictions, and risks inherent in the inputs of the external investment managers' valuations.

For certain alternative investments which are direct investments, Stanford considers various factors to estimate fair value, such as, but not limited to, the timing of the transaction, the market in which the company operates, comparable transactions, company performance and projections, as well as discounted cash flow analysis. The selection of an appropriate valuation technique may be affected by the availability and general reliability of relevant inputs. In some cases, one valuation technique may provide the best indication of fair value while in other circumstances, multiple valuation techniques may be appropriate. Furthermore, Stanford may review the investment's underlying portfolio as well as engage external appraisers, depending on the circumstances and the nature of the investment.

The investment portfolio may be exposed to various risks, including, but not limited to, interest rate, market, sovereign, geographic, counterparty, liquidity and credit risk. Stanford management regularly assesses these risks through established policies and procedures. Fair value reporting requires management to make estimates and assumptions about the effects of matters that are inherently uncertain. Actual results could differ from these estimates and such differences could have a material impact on the *Consolidated Financial Statements*.

INVESTMENT CATEGORIES

Investments are categorized by asset class and valued as described below:

Cash and short-term investments include cash, cash equivalents, mutual funds, and fixed income investments with original maturities of less than one year (see also *Note 1*). Cash equivalents such as money market funds and overnight repurchase agreements are carried at cost. Fixed income investments such as short-term U.S. Treasury bills are carried at amortized cost. Due to the short-term nature and liquidity of these financial instruments, the carrying values of these assets approximates fair value. Cash may include collateral provided to or received from counterparties associated with investment-related derivative contracts (see *Note 7*).

Public equities are investments valued based on quoted market prices (and exchange rates, if applicable) on the last trading date of the principal market on or before August 31. They include investments that are directly held as well as commingled funds which invest in publicly traded equities. The fair values of public equities held through alternative investments are reported by the respective external investment managers using NAV as described in the *Valuation Methodology* section above.

Derivatives are used by Stanford to manage its exposure to certain risks relating to ongoing business and investment operations. Derivatives may include swaps and forward currency contracts which are reflected at fair value by using quantitative models that utilize multiple market inputs. The market inputs are actively quoted and can be validated through external sources, including market transactions, brokers and third party pricing sources.

Fixed income investments are valued by independent pricing sources, broker dealers or pricing models that factor in, where applicable, recently executed transactions, interest rates, bond or credit default spreads and volatility. They primarily include investments that are actively traded fixed income securities or mutual funds.

Real estate represents directly owned real estate, mutual funds, interests in long-term ground leases and other real estate interests held through limited partnerships. A significant portion of the fair value of real estate directly owned by Stanford and subject to long-term ground leases, including the Stanford Shopping Center and the Stanford Research Park, is based on independent appraisals that use discounted cash flows and market data, if available. The fair value of alternative investments in real estate held through limited partnerships is based on the NAV reported by the external investment managers and is adjusted as described in the *Valuation Methodology* section above. The fair value of real estate held through commingled and mutual funds are based on quoted market prices.

Natural resources represent commodity and energy related investments held through both public and non-public investments. Public securities are valued based on quoted market prices (and exchange rates, if applicable) on the last trading day of the principal market on or before August 31. The fair value of direct non-public investments is based on a combination of models, including appraisals, discounted cash flows and commodity price factors. The fair value of natural resources held as alternative investments is based on the NAV reported by the external investment managers and is adjusted as described in the *Valuation Methodology* section above.

Private equity investments are primarily in venture capital, growth equity, and leveraged buyout strategies. Distributions from these investments are received in the form of either cash or distributed shares, which are typically valued using quoted market prices. The fair value of alternative investments is based on the NAV reported by the external investment managers and is adjusted as described in the *Valuation Methodology* section above.

Absolute return investments are typically commingled funds that employ multiple strategies to produce positive returns which may be uncorrelated to financial market activities. The fair value of these types of alternative investments is valued based on the NAV reported by the external investment managers and is adjusted as described in the *Valuation Methodology* section above.

Assets held by other trustees generally represent Stanford's residual (or beneficial) interest in split-interest agreements where the University, SHC or LPCH is not the trustee. The residual interest represents the present value of the future distributions expected to be received over the term of the agreement, which approximates fair value.

Other investments are typically non-public investments such as preferred stocks, convertible notes and mineral rights. The fair value of these types of direct investments is determined as described in the *Valuation Methodology* section above.

FAIR VALUE HIERARCHY

U.S. GAAP defines fair value as the price received upon sale of an asset or paid upon transfer of a liability in an orderly transaction between market participants. Current guidance establishes a hierarchy of valuation inputs based on the extent to which the inputs are observable in the marketplace. Inputs are used in applying the various valuation techniques and take into account the assumptions that market participants use to make valuation decisions. Inputs may include price information, credit data, liquidity statistics, and other factors specific to the financial instrument. Observable inputs reflect market data obtained from independent sources. In contrast, unobservable inputs reflect the entity's assumptions about how market participants would value the financial instrument. Valuation techniques used under U.S. GAAP must maximize the use of observable inputs to the extent available.

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. The following describes the hierarchy of inputs used to measure fair value and the primary valuation methodologies used for financial instruments measured at fair value on a recurring basis:

Level 1 - Investments whose values are based on quoted market prices in active markets for identical assets or liabilities are classified as Level 1. Level 1 investments include active listed equities and certain short-term fixed income securities. Such investments are valued based upon the closing price quoted on the last trading date on or before the reporting date on the principal market, without adjustment.

Level 2 - Investments that trade in markets that are not actively traded, but are valued based on quoted market prices, dealer quotations, or alternative pricing sources for similar assets or liabilities are classified as Level 2. These investments include certain U.S. government and sovereign obligations, government agency obligations, investment grade corporate bonds and certain limited marketable securities.

Privately negotiated over-the-counter (OTC) derivatives such as forward currency contracts, total return swaps, and interest rate swaps are typically classified as Level 2 (see *Note 7*). In instances where quotations received from counterparties or valuation models are used, the value of an OTC derivative depends upon the contractual terms of the instrument as well as the availability and reliability of observable inputs. Such inputs include market prices for reference securities, yield curves, or credit curves.

Level 3 - Investments classified as Level 3 have significant unobservable inputs, as they trade infrequently or not at all. The inputs into the determination of fair value of these investments are based upon the best information available and may require significant management judgment. These investments primarily consist of Stanford's direct real estate and directly held private investments.

The following tables summarize Stanford's investment assets and liabilities within the fair value hierarchy and asset categories at August 31, 2025 and 2024, in thousands of dollars:

	LEVEL 1	LEVEL 2	LEVEL 3	TOTAL
2025				
Investment assets:				
Cash and short-term investments	$ 145,240	$ 1,077,672	$ —	$ 1,222,912
Public equities	3,072,444	4,624	—	3,077,068
Derivatives	—	(5,890)	—	(5,890)
Fixed income	816,756	4,490,196	—	5,306,952
Real estate	67,781	—	6,662,117	6,729,898
Natural resources	156,325	—	35,532	191,857
Private equity	42,649	—	125,695	168,344
Absolute return	—	—	420	420
Assets held by other trustees	1,631	—	159,208	160,839
Other	55,582	16,960	884,206	956,748
INVESTMENTS SUBJECT TO FAIR VALUE LEVELING	**$ 4,358,408**	**$ 5,583,562**	**$ 7,867,178**	**17,809,148**
Investments measured using Net Asset Value[1]				42,304,040
TOTAL CONSOLIDATED INVESTMENT ASSETS				**$ 60,113,188**

	LEVEL 1	LEVEL 2	LEVEL 3	TOTAL
2024				
Investment assets:				
Cash and short-term investments	$ 187,117	$ 949,161	$ —	$ 1,136,278
Public equities	4,393,891	4,909	—	4,398,800
Derivatives	—	(5,873)	—	(5,873)
Fixed income	675,394	3,765,888	—	4,441,282
Real estate	80,353	—	6,786,747	6,867,100
Natural resources	156,560	—	60,859	217,419
Private equity	39,809	—	96,409	136,218
Absolute return	—	—	20,203	20,203
Assets held by other trustees	—	—	198,053	198,053
Other	41,402	10,998	877,254	929,654
INVESTMENTS SUBJECT TO FAIR VALUE LEVELING	**$ 5,574,526**	**$ 4,725,083**	**$ 8,039,525**	**18,339,134**
Investments measured using Net Asset Value[1]				36,857,655
TOTAL CONSOLIDATED INVESTMENT ASSETS				**$ 55,196,789**

[1] Entities may estimate the fair value of certain investments by using NAV as a practical expedient as of the measurement date. Investments measured under this method are not categorized in the fair value hierarchy. The fair value amounts of such investments are presented for reconciliation purposes.

SUMMARY OF LEVEL 3 INVESTMENT ACTIVITIES AND TRANSFERS

The following tables present the activities for Level 3 investments for the years ended August 31, 2025 and 2024, in thousands of dollars:

FAIR VALUE MEASUREMENTS USING SIGNIFICANT UNOBSERVABLE INPUTS (LEVEL 3)	BEGINNING BALANCE AS OF SEPTEMBER 1, 2024	PURCHASES AND ADDITIONS	SALES AND MATURITIES	NET REALIZED AND UNREALIZED GAINS (LOSSES)	TRANSFERS IN*	TRANSFERS OUT*	ENDING BALANCE AS OF AUGUST 31, 2025
Real estate	$ 6,786,747	$ 61,259	$ (10,721)	$ (175,168)	$ —	$ —	$ 6,662,117
Natural resources	60,859	—	(29,897)	4,570	—	—	35,532
Private equity	96,409	1,241	(7)	3,052	25,000	—	125,695
Absolute return	20,203	—	(11,147)	(8,636)	—	—	420
Assets held by other trustees	198,053	—	(49,601)	10,561	195	—	159,208
Other	877,254	37,482	(30,481)	(49)	—	—	884,206
TOTAL	**$8,039,525**	**$ 99,982**	**$ (131,854)**	**$ (165,670)**	**$ 25,195**	**$ —**	**$ 7,867,178**

FAIR VALUE MEASUREMENTS USING SIGNIFICANT UNOBSERVABLE INPUTS (LEVEL 3)	BEGINNING BALANCE AS OF SEPTEMBER 1, 2023	PURCHASES AND ADDITIONS	SALES AND MATURITIES	NET REALIZED AND UNREALIZED GAINS (LOSSES)	TRANSFERS IN*	TRANSFERS OUT*	ENDING BALANCE AS OF AUGUST 31, 2024
Real estate	$ 7,490,481	$ 83,850	$ (10,505)	$ (805,916)	$ 28,837	$ —	$ 6,786,747
Natural resources	57,260	—	(1,839)	5,288	150	—	60,859
Private equity	1,731	94,950	(14)	(258)	—	—	96,409
Absolute return	23,736	—	(1,858)	(1,675)	—	—	20,203
Assets held by other trustees	140,812	46,040	(2,451)	13,652	—	—	198,053
Other	1,069,494	46,839	(9,477)	(229,602)	—	—	877,254
TOTAL	**$8,783,514**	**$ 271,679**	**$ (26,144)**	**$(1,018,511)**	**$ 28,987**	**$ —**	**$ 8,039,525**

**Transfers in (out) are primarily due to reclassification of investments between asset classes and changes in the fair value hierarchy.*

Net realized and unrealized gains (losses) in the tables above are included in the *Consolidated Statements of Activities* primarily as increases or decreases in reinvested gains by level of restriction. For the years ended August 31, 2025 and 2024, the change in unrealized losses for Level 3 investments still held at August 31, 2025 and 2024 was $129.6 million and $982.9 million, respectively.

LEVEL 3 INVESTMENT VALUATION TECHNIQUES AND SIGNIFICANT UNOBSERVABLE INPUTS

The following table summarizes the significant unobservable inputs and valuation methodologies for Level 3 investments as of August 31, 2025 and 2024, in thousands of dollars.

For each investment category and respective valuation technique, the range of the significant unobservable input is dependent on the nature and characteristics of the investment and may vary at each balance sheet date.

INVESTMENT CATEGORIES	FAIR VALUE[1]	VALUATION TECHNIQUE	SIGNIFICANT UNOBSERVABLE INPUTS	RANGE		WEIGHTED AVERAGE	IMPACT TO VALUATION FROM AN INCREASE IN INPUT[2]
				MIN	MAX		
2025							
Real estate	$ 5,790,540	Discounted cash flow	Discount rate	7.1%	20.0%	8.3%	Decrease
			Capitalization rate	5.0%	9.0%	7.3%	Decrease
Assets held by other trustees	139,301	Net present value	Discount rate	4.8%	4.8%	N/A	Decrease
TOTAL AMOUNT WITH SIGNIFICANT UNOBSERVABLE INPUTS	**$5,929,841**						
2024							
Real estate	$ 5,896,000	Discounted cash flow	Discount rate	7.0%	20.0%	7.8%	Decrease
			Capitalization rate	5.5%	8.8%	7.0%	Decrease
Assets held by other trustees	198,053	Net present value	Discount rate	5.2%	5.2%	N/A	Decrease
TOTAL AMOUNT WITH SIGNIFICANT UNOBSERVABLE INPUTS	**$6,094,053**						

[1] Level 3 investments of $1.9 billion at both August 31, 2025 and 2024 are valued using other market comparables or recent transactions as an approximation of fair value.

[2] Unless otherwise noted, this column represents the directional change in the fair value of the Level 3 investments that would have resulted from an increase to the corresponding unobservable input. A decrease to the unobservable input would have the opposite effect. Significant increases and decreases in these unobservable inputs in isolation would result in significantly higher or lower fair value measurements.

INVESTMENT-RELATED COMMITMENTS

The University is obligated under certain alternative investment agreements to advance additional funding up to specified levels over a period of several years. The following table presents significant terms of such agreements including redemption terms, notice periods, and remaining life for all related alternative investments at August 31, 2025, in thousands of dollars:

ASSET CLASS	FAIR VALUE	UNFUNDED COMMITMENT	REMAINING LIFE (YEARS)	REDEMPTION TERMS
Public equities	$ 7,584,203	$ 120,304	0 to 3	Generally, lock-up provisions ranging from 0 to 3 years. After initial lock up expires, redemptions are available on a rolling basis and require 30 to 90 days prior notification.
Real estate	2,897,551	1,045,219	0 to 9	Not eligible for redemption
Natural resources	1,444,783	557,095	0 to 10	Not eligible for redemption
Private equity	21,418,082	5,532,742	0 to 20	Not eligible for redemption
Absolute return	8,913,787	479,341	0 to 3	Generally, lock-up provisions ranging from 0 to 3 years. After initial lock up expires, redemptions are available on a rolling basis and require 30 to 90 days prior notification.
TOTAL	**$42,258,406**	**$ 7,734,701**		

OFFSETS TO INVESTMENT-RELATED ASSETS AND LIABILITIES

Financial instruments with off-balance sheet risk such as derivatives, securities lending agreements, securities sold, not yet purchased and repurchase agreements are subject to counterparty credit risk. The University seeks to control this risk in various ways, such as entering into transactions with counterparties with high creditworthiness, establishing and monitoring credit limits, and requiring collateral in certain situations.

The University generally maintains master netting agreements and collateral agreements with its counterparties. These agreements provide the University the right to net a counterparty's rights and obligations under the agreement and to liquidate and offset collateral against any net amount owed by the counterparty, in the event of default by the counterparty, such as bankruptcy or a failure to pay or perform. For certain derivatives, a master netting arrangement allows the counterparty to net any of its applicable liabilities or payment obligations to the University against any collateral previously provided or received (see *Note 7*).

The University may enter into repurchase and reverse repurchase agreements to sell or purchase securities to or from the counterparty with an agreement to repurchase or sell the same securities from or to the counterparty at a predetermined price.

The following table presents information about the gross amounts of assets and liabilities, the offset of these instruments and the related collateral amounts as of August 31, 2025 and 2024, in thousands of dollars:

	GROSS AMOUNTS OF ASSETS AND LIABILITIES	OFFSET AMOUNTS	NET AMOUNTS	COLLATERAL RECEIVED (PLEDGED)[2]	NET EXPOSURE
2025					
Assets:					
Derivatives[1]	$ 809	$ (6,699)	$ (5,890)	$ (5,890)	$ —
Repurchase agreements[3]	637,507	—	637,507	637,507	—
TOTAL	**638,316**	**(6,699)**	**631,617**	**631,617**	**—**
Liabilities:					
Derivatives[1]	6,699	(6,699)	—	—	—
TOTAL	**$ 6,699**	**$ (6,699)**	**$ —**	**$ —**	**$ —**
2024					
Assets:					
Derivatives[1]	$ 10,319	$ (16,192)	$ (5,873)	$ (5,873)	$ —
Repurchase agreements[3]	531,219	—	531,219	531,219	—
TOTAL	**541,538**	**(16,192)**	**525,346**	**525,346**	**—**
Liabilities:					
Derivatives[1]	16,192	(16,192)	—	—	—
TOTAL	**$ 16,192**	**$ (16,192)**	**$ —**	**$ —**	**$ —**

[1] *Gross derivative assets less gross derivative liabilities are presented as derivatives in the investment assets table.*

[2] *These collateral amounts received (pledged) are limited to the asset balance and accordingly, do not include any excess collateral received.*

[3] *Repurchase agreements are included in cash and short-term investments in the investment assets table.*

INVESTMENT RETURNS

Total investment returns for the years ended August 31, 2025 and 2024, in thousands of dollars, are as follows:

	UNIVERSITY	SHC	LPCH	CONSOLIDATED
2025				
Investment income	$ 607,678	$ 127,945	$ 13,092	$ 748,715
Net realized and unrealized gains	4,490,725	570,091	170,162	5,230,978
TOTAL INVESTMENT RETURNS, NET	**$ 5,098,403**	**$ 698,036**	**$ 183,254**	**$ 5,979,693**
Reconciliation to *Statements of Activities:*				
Total investment income distributed for operations	$ 2,402,344	$ 1,009	$ 13,236	$ 2,416,589
Increase (decrease) in reinvested gains:				
Without donor restrictions	998,912	689,603	111,770	1,800,285
With donor restrictions	1,578,826	7,424	57,856	1,644,106
Change in value of split-interest agreements, net	55,075	—	392	55,467
Adjustments for actuarial re-evaluations and maturities of split-interest agreements	63,246	—	—	63,246
TOTAL INVESTMENT RETURNS, NET	**$ 5,098,403**	**$ 698,036**	**$ 183,254**	**$ 5,979,693**
2024				
Investment income	$ 567,494	$ 37,543	$ 3,067	$ 608,104
Net realized and unrealized gains	2,346,570	532,327	144,437	3,023,334
TOTAL INVESTMENT RETURNS, NET	**$ 2,914,064**	**$ 569,870**	**$ 147,504**	**$ 3,631,438**
Reconciliation to *Statements of Activities:*				
Total investment income distributed for operations	$ 2,211,063	$ 1,851	$ 13,183	$ 2,226,097
Increase (decrease) in reinvested gains:				
Without donor restrictions	(127,035)	562,033	90,348	525,346
With donor restrictions	704,556	5,986	41,104	751,646
Change in value of split-interest agreements, net	57,670	—	2,869	60,539
Adjustments for actuarial re-evaluations and maturities of split-interest agreements	67,810	—	—	67,810
TOTAL INVESTMENT RETURNS, NET	**$ 2,914,064**	**$ 569,870**	**$ 147,504**	**$ 3,631,438**

Investment returns are net of current and deferred net investment income excise taxes, investment management expenses, including both external management fees and internal University investment-related salaries, benefits and operating expenses.

FUTURE MINIMUM RENTAL INCOME

As part of its investment portfolio, Stanford holds certain investment properties that it leases to third parties. Future minimum rental income due from the Stanford Shopping Center, the Stanford Research Park and other properties under non-cancellable leases in effect with tenants at August 31, 2025, in thousands of dollars, is as follows:

	FUTURE MINIMUM RENTAL INCOME			
YEAR ENDING AUGUST 31	UNIVERSITY	SHC	LPCH	CONSOLIDATED
2026	$ 181,243	$ 4,565	$ 938	$ 186,746
2027	169,824	4,252	747	174,823
2028	170,115	3,035	393	173,543
2029	166,475	2,175	322	168,972
2030	162,683	952	27	163,662
Thereafter	2,649,209	8,056	—	2,657,265
TOTAL	**$ 3,499,549**	**$ 23,035**	**$ 2,427**	**$ 3,525,011**

7. Derivatives

Stanford, directly or through external investment managers on Stanford's behalf, utilizes various strategies to reduce investment and credit risks, to serve as a temporary surrogate for investment in stocks and bonds, to manage interest rate exposure on debt, and/or to manage specific exposure to foreign currencies. Futures, options and other derivative instruments are used to adjust elements of investment exposures to various securities, sectors, markets and currencies without actually taking a position in the underlying asset or basket of assets. Interest rate swaps are used to manage interest rate risk. With respect to foreign currencies, Stanford utilizes forward contracts and foreign currency options to manage exchange rate risk.

INVESTMENT-RELATED DERIVATIVES

The following table presents amounts for investment-related derivatives, including the notional amount, the fair values at August 31, 2025 and 2024, and gains and losses for the years ended August 31, 2025 and 2024, in thousands of dollars:

	NOTIONAL AMOUNT[1]	GROSS DERIVATIVE ASSETS[2]	GROSS DERIVATIVE LIABILITIES[2]	REALIZED AND UNREALIZED GAINS (LOSSES)[3]
2025	AS OF AUGUST 31			YEAR ENDED AUGUST 31
Foreign exchange contracts	$ 12,170	$ 112	$ 1	$ (792)
Equity contracts	392,648	697	6,698	1,675
TOTAL	**$ 404,818**	**$ 809**	**$ 6,699**	**$ 883**
2024				
Foreign exchange contracts	$ 14,607	$ 325	$ —	$ (578)
Equity contracts	813,347	9,994	16,192	1,675
TOTAL	**$ 827,954**	**$ 10,319**	**$ 16,192**	**$ 1,097**

[1] *The notional amount is representative of the volume and activity of the respective derivative type during the years ended August 31, 2025 and 2024.*

[2] *Gross derivative assets less gross derivative liabilities were $(5.9) million at both August 31, 2025 and 2024 and are presented within derivatives in the investment table in Note 6.*

[3] *Gains and losses on derivatives are included in the Statements of Activities line "Increase (decrease) in reinvested gains" in "Non-operating activities."*

DEBT-RELATED DERIVATIVES

The University and SHC use interest rate exchange agreements to manage the interest rate exposure of their debt portfolios. Under the terms of the current agreements, the entities pay a fixed interest rate, determined at inception, and receive a variable rate on the underlying notional principal amount. Generally, the exchange agreements require mutual posting of collateral by the University and SHC and the counterparties if the termination values exceed a predetermined threshold dollar amount.

At August 31, 2025, the University had interest rate exchange agreements related to $97.0 million of the outstanding balance of the CEFA Series S bonds in variable rate mode (see *Note 9*). The agreements, which have a weighted average interest rate of 3.68%, expire November 1, 2039. The notional amount and the fair value of the exchange agreements are included in the table below. Collateral posted with various counterparties was $3.4 million at both August 31, 2025 and 2024, and is included in the *Consolidated Statements of Financial Position*. In addition, the University issued an irrevocable standby letter of credit of $15.0 million to support collateral requirements at August 31, 2025 and 2024 (see *Note 9*).

At August 31, 2025, SHC had interest rate exchange agreements expiring through November 2051 (see *Note 9*). The agreements require SHC to pay fixed interest rates to the counterparties varying from 3.69% to 4.08% in exchange for variable rate payments from the counterparties based on a percentage of the Secured Overnight Financing Rate (SOFR) plus an applicable 1-Month spread. In November 2023, SHC terminated four of its nine outstanding swaps at a termination cost of $18.5 million. The terminated swaps had a notional amount of $234.6 million and were not classified as hedging instruments. The notional amount and the fair value of the remaining exchange agreements are included in the table below. There was no cash collateral posted with counterparties at August 31, 2025 and 2024.

The following table presents amounts for debt-related derivatives including the notional amount, the fair values at August 31, 2025 and 2024, and gains and losses for the years ended August 31, 2025 and 2024, in thousands of dollars:

	AS OF AUGUST 31, 2025		YEAR ENDED AUGUST 31, 2025	AS OF AUGUST 31, 2024		YEAR ENDED AUGUST 31, 2024
	NOTIONAL AMOUNT[1]	GROSS DERIVATIVE LIABILITIES[2]	UNREALIZED GAIN[3]	NOTIONAL AMOUNT[1]	GROSS DERIVATIVE LIABILITIES[2]	UNREALIZED LOSS[3]
Debt-related interest-rate contracts:						
University	$ 97,000	$ 10,481	$ 3,795	$ 97,000	$ 14,276	$ (1,843)
SHC	337,375	55,155	22,351	337,925	77,506	(2,072)
TOTAL	**$ 434,375**	**$ 65,636**	**$ 26,146**	**$ 434,925**	**$ 91,782**	**$ (3,915)**

[1] The notional amount is representative of the volume and activity of the respective derivative type during the years ended August 31, 2025 and 2024.

[2] Fair value is measured using Level 2 inputs as defined in Note 6. Amounts are included in the Statements of Financial Position in "Accounts payable and accrued expenses" and discussed more fully in Note 9.

[3] Gain (loss) on derivatives are included in the Statements of Activities as "Swap interest and change in value of swap agreements" in "Non-operating activities".

8. Plant Facilities

Plant facilities, net of accumulated depreciation, at August 31, 2025 and 2024, in thousands of dollars, are as follows:

	UNIVERSITY	SHC	LPCH	CONSOLIDATED
2025				
Land and improvements	$ 931,241	$ 212,391	$ 120,605	$ 1,264,237
Buildings and building improvements	11,419,441	4,584,317	2,210,680	18,214,438
Furniture, fixtures and equipment	2,552,419	1,830,021	534,476	4,916,916
Utilities	1,169,752	—	—	1,169,752
Construction in progress	533,617	675,880	71,589	1,281,086
	16,606,470	7,302,609	2,937,350	26,846,429
Less accumulated depreciation	(7,815,427)	(3,031,326)	(1,082,424)	(11,929,177)
PLANT FACILITIES, NET OF ACCUMULATED DEPRECIATION	**$ 8,791,043**	**$ 4,271,283**	**$ 1,854,926**	**$ 14,917,252**
2024				
Land and improvements	$ 917,373	$ 202,878	$ 120,605	$ 1,240,856
Buildings and building improvements	11,018,876	4,481,863	1,992,567	17,493,306
Furniture, fixtures and equipment	2,410,954	1,788,457	524,636	4,724,047
Utilities	1,117,039	—	—	1,117,039
Construction in progress	577,367	426,930	203,548	1,207,845
	16,041,609	6,900,128	2,841,356	25,783,093
Less accumulated depreciation	(7,350,841)	(2,900,612)	(1,019,329)	(11,270,782)
PLANT FACILITIES, NET OF ACCUMULATED DEPRECIATION	**$ 8,690,768**	**$ 3,999,516**	**$ 1,822,027**	**$ 14,512,311**

9. Notes and Bonds Payable

The University borrows at tax-exempt interest rates through the California Educational Facilities Authority (CEFA), a conduit issuer. The University also issues taxable debt directly. Both taxable and tax-exempt debt are general unsecured obligations of the University, and the University is responsible for the repayment of all its debt. SHC and LPCH borrow at tax-exempt interest rates through the California Health Facilities Financing Authority (CHFFA), a conduit issuer. CHFFA debt is a general obligation of each of the hospitals. Payments of principal and interest on SHC's bonds are collateralized by a gross receivables pledge. LPCH's bonds are collateralized by a pledge of their revenues. SHC and LPCH also issue taxable debt directly. Each hospital is responsible for the repayment of its respective debt.

Notes and bonds payable for the University, SHC, and LPCH at August 31, 2025 and 2024, in thousands of dollars, are presented in the table below. The University is not an obligor or guarantor with respect to any obligations of SHC or LPCH, nor are SHC or LPCH obligors or guarantors with respect to obligations of the University or each other.

	YEAR OF MATURITY	EFFECTIVE INTEREST RATE * 2025/2024	OUTSTANDING PRINCIPAL 2025	2024
UNIVERSITY:				
Tax-exempt:				
CEFA Fixed Rate Revenue Bonds:				
Series S	2040	3.18%	$ 30,210	$ 30,210
Series T	2026-2039	4.28%-4.30%	111,775	137,135
Series U	2033-2046	2.71%-4.25%	1,043,090	1,043,090
Series V	2029-2055	1.83%-3.12%	1,255,100	983,775
CEFA Variable Rate Revenue Bonds and Notes:				
Series S	2040-2051	2.46%-2.73%/3.10%-3.48%	141,200	141,200
Commercial Paper	2025	3.10%-3.58%	—	57,500
Taxable:				
Fixed Rate Notes and Bonds:				
Medium Term Note	2026	7.65%	—	50,000
Stanford University Series 2012	2042	4.01%	143,235	143,235
Stanford University Series 2013	2044	3.56%	150,115	150,115
Stanford University Series 2014	2054	4.25%	150,000	150,000
Stanford University Series 2015	2047	3.46%	250,000	250,000
Stanford University Series 2017	2048	3.65%	750,000	750,000
Stanford University Series 2019	2029	3.09%	121,000	121,000
Stanford University Series 2020	2027-2050	1.29%-2.41%	750,000	750,000
Stanford University Series 2025	2030-2035	4.15%-4.68%	827,000	—
Other	2036	3.37%	74,004	79,964
Commercial Paper	2025	5.20%-5.35%	—	223,415
Revolving Credit Facilities	2027	5.74%	—	8,683
University notes and bonds payable			5,796,729	5,069,322
Unamortized issuance costs, premiums, and discounts, net			454,879	438,057
UNIVERSITY TOTAL			**$ 6,251,608**	**$ 5,507,379**
SHC:				
CHFFA Fixed Rate Revenue Bonds:				
2015 Series A	2052-2054	4.10%	$ 100,000	$ 100,000
2017 Series A	2026-2041	2.93%/2.91%	406,350	423,965
2020 Series A	2050	2.70%	170,120	170,120
2021 Series A	2025	0.42%	—	157,715
2023 Series A	2033	3.20%	260,545	260,545
2025 Series A	2026-2054	4.63%	149,580	—
2025 Series B	2033-2035	3.40%	266,540	—
2018 Series Taxable Bonds	2049	3.80%	500,000	500,000
2020 Series Taxable Bonds	2030	3.31%	300,000	300,000
2021 Series Taxable Bonds	2051	3.03%	365,100	365,100
CHFFA Variable Rate Revenue Bonds:				
2008 Series B	2042-2046	2.19%/2.78%	168,200	168,200
SHC notes and bonds payable			2,686,435	2,445,645
Unamortized issuance costs, premiums, and discounts, net			124,476	97,880
SHC TOTAL			**$ 2,810,911**	**$ 2,543,525**
LPCH:				
CHFFA Fixed Rate Revenue Bonds:				
2016 Series A	2016-2033	2.60%/2.57%	50,505	50,505
2016 Series B	2052-2055	3.34%	100,000	100,000
2017 Series A	2019-2057	3.17%	184,550	184,745
2022 Series A	2023-2051	2.60%/2.55%	191,070	197,620
2024 Series A	2024-2043	3.55%	88,175	91,035
2024 Series B	2034	3.50%	89,280	89,280
LPCH notes and bonds payable			703,580	713,185
Unamortized issuance costs, premiums, and discounts, net			76,548	80,361
LPCH TOTAL			**$ 780,128**	**$ 793,546**
CONSOLIDATED TOTAL			**$ 9,842,647**	**$ 8,844,450**

**Exclusive of interest rate exchange agreements (see Note 7).*

The University's long-term ratings of AAA/AAA/Aaa were affirmed in July 2025 by S&P Global Ratings (S&P), Fitch Ratings (Fitch) and Moody's Investors Service (Moody's), respectively. In May 2025, SHC's long-term ratings were affirmed by S&P and Fitch, and upgraded by Moody's at AA-/AA/Aa2, respectively. In May and June 2025, LPCH's long-term ratings of A+/AA-/A1 were affirmed by S&P, Fitch, and Moody's, respectively.

SHC is party to a separate master trust indenture that includes provisions that limit property liens and requires the maintenance of certain financial ratios. LPCH is party to a separate master trust indenture that includes, among other requirements, limitations on the incurrence of additional indebtedness, liens on property, restrictions on disposition or transfer of assets and compliance with certain

financial ratios. Subject to applicable no-call provisions, SHC and LPCH may cause the redemption of the bonds, in whole or in part, prior to the stated maturities.

UNIVERSITY

Debt issuances and repayment activity

In August 2025, the University issued taxable fixed rate bonds (Series 2025B) in the amount of $500.0 million, maturing on August 1, 2030, and bearing an interest yield of 4.15%. Proceeds are to be used for general University purposes.

In March 2025, CEFA, on behalf of the University, issued its tax-exempt Series V-4 and V-5 bonds. Series V-4 was issued in the amount of $100.0 million plus an original issue premium of $15.3 million as a 7 year put bond with final maturity of March 1, 2055, with a coupon rate of 5.00% and an effective interest rate of 2.58%. Series V-5 was issued in the amount of $171.3 million plus an original issue premium of $32.4 million as a 10 year put bond with final maturity of March 1, 2055, with a coupon rate of 5.00% and an effective interest rate of 2.81%. Both series will be used to finance and/or refinance certain capital projects of the University.

Additionally in March 2025, the University issued taxable fixed rate bonds (Series 2025A) in the amount of $327.0 million, maturing on March 1, 2035, and bearing an interest yield of 4.68%. Proceeds are to be used for general University purposes.

In December 2024, the University called and prepaid $25.4 million of CEFA series T-3 tax-exempt bonds and $50.0 million of taxable series Medium Term Notes (Tranche 1), due March 2026 and June 2026 respectively.

In February 2024, taxable Stanford University Bonds in the amount of $150.0 million matured and were refinanced by taxable commercial paper and later refinanced with a portion of Series 2025A in March 2025.

The University has two unsecured revolving credit facilities. One credit facility has a capacity of $300.0 million and maturity date of August 30, 2027 and the other has a capacity of $100.0 million and maturity date of December 30, 2026. Funds drawn on the revolving credit facilities bear interest at the applicable SOFR plus a specified margin. The amount outstanding on these credit facilities was $0 and $8.7 million at August 31, 2025 and 2024, respectively.

Variable rate debt subject to remarketing or tender

The University had $141.2 million of revenue bonds in variable rate mode outstanding at August 31, 2025. CEFA Series S bonds bear interest at a commercial paper municipal rate for various interest periods of 270 days or less. In the event the University receives notice of any optional tender of these bonds, or if the 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, the University will have a current obligation to purchase the bonds tendered. The University has identified several sources of funding including cash, money market funds, U.S. Treasury securities and agencies' discount notes to provide for the full and timely purchase price of any bonds tendered in the event of a failed remarketing.

The University's taxable and tax-exempt commercial paper authorized borrowing capacity was $500.0 million and $300.0 million, respectively, at both August 31, 2025 and 2024. Taxable commercial paper of $0 and $223.4 million was outstanding at August 31, 2025 and 2024, respectively. Tax-exempt commercial paper of $0 and $57.5 million was outstanding at August 31, 2025 and 2024, respectively.

SHC

Debt activity

In June 2025, CHFFA, on behalf of SHC, issued fixed rate 2025 Series A Revenue Bonds (2025 Series A) in the aggregate principal amount of $149.6 million plus an original issue premium of $7.8 million. Proceeds of the 2025 Series A bonds were used to current refund the 2021 Series A bonds, which had a mandatory put date of August 15, 2025.

In June 2025, CHFFA, on behalf of SHC, issued fixed rate 2025 Series B Revenue Bonds (2025 Series B) in the aggregate principal amount of $266.5 million plus an original issue premium of $33.5 million. Proceeds of the 2025 Series B bonds were used to reimburse expenditures related to SHC's original hospital facility and Redwood City Medical Office Building projects. Proceeds from the issuance were also used to refinance $50.0 million in aggregate principal of outstanding tax-exempt commercial paper.

In September 2023, CHFFA, on behalf of SHC, issued fixed rate 2023 Series A Revenue Bonds (2023 Series A) in the aggregate principal amount of $260.5 million plus an original issue premium of $39.5 million. Proceeds of the 2023 Series A bonds were used to reimburse expenditures related to the re-design, remodel, and renovation of SHC's original hospital facility.

SHC has a $200.0 million tax-exempt commercial paper facility for bridge financing of certain capital expenditures. SHC also has a $150.0 million taxable commercial paper facility for general corporate purposes. No amounts were outstanding as of August 31, 2025 and 2024.

SHC has a revolving line of credit facility, which has a maturity date of November 2027, for general corporate purposes. Drawdowns from the facility bear interest at the SOFR plus an applicable spread. The size of the facility is $150.0 million, of which $50.0 million is earmarked for the issuance of stand-by letters of credit. There were no amounts drawn on this credit facility as of August 31, 2025 and 2024.

Variable rate debt

At August 31, 2025, SHC had $168.2 million of revenue bonds in variable rate mode outstanding. The 2008 Series B bonds are supported by SHC's self-liquidity. In the event SHC receives a tender notice of any of the 2008 Series B bonds, the purchase price of the bonds will be paid from the remarketing of such bonds. However, if the remarketing proceeds are insufficient, SHC has an obligation to purchase any remaining bonds. SHC maintains sufficient liquidity to provide for the full and timely purchase price of any bonds tendered in the event of a failed remarketing.

LPCH

Debt activity

In June 2024, CHFFA issued, on behalf of LPCH, two series refunding revenue bonds in the aggregate par amount of $180.3 million, with a premium of $20.8 million (collectively, "2024 Bonds"). Proceeds of the 2024 Bonds were used for the legal defeasance and redemption of the 2014 Series A and B bonds and payments of costs of issuance. The coupon interest rates for the 2024 Bonds is 5.0% over the life of the bonds. The defeasance of 2014 Bonds resulted in an accounting gain of $4.4 million recognized in "other changes in net assets without donor restrictions" in the *Consolidated Statements of Activities*. The 2024 Series B bonds include a bullet maturity feature resulting in a required refinancing in 2034.

LPCH has a $200.0 million revolving credit facility with a maturity date of June 2026. Drawdowns from the facility bear interest at the SOFR plus an applicable margin based on credit rating. There were no amounts drawn on the line of credit as of August 31, 2025 and 2024.

LETTERS OF CREDIT

In August 2024, the University entered into a credit agreement, under which up to $65.0 million is available for letters of credit and $300.0 million for revolving credit. Irrevocable standby letters of credit outstanding as of August 31, 2025, in thousands of dollars, is as follows:

	UNIVERSITY	SHC	LPCH	CONSOLIDATED
2025				
Security for workers compensation insurance	$ 12,820	$ 29,774	$ 12,095	$ 54,689
Collateral for interest rate exchange agreements	15,000	—	—	15,000
Other	3,943	2,210	1,422	7,575
TOTAL	**$ 31,763**	**$ 31,984**	**$ 13,517**	**$ 77,264**
Amounts drawn as of August 31, 2025	$ —	$ —	$ —	$ —
Amounts drawn as of August 31, 2024	$ —	$ —	$ —	$ —

INTEREST

Stanford's interest expense, which includes amortized bond issuance costs and amortized bond premium or discount, is recorded in "Other operating expenses". Interest expense for the years ended August 31, 2025 and 2024, in thousands of dollars, is as follows:

	UNIVERSITY	SHC	LPCH	CONSOLIDATED
2025				
Interest expense, gross	$ 182,843	$ 83,035	$ 30,324	$ 296,202
Less:				
Interest income earned on unspent bond proceeds	(7,382)	—	—	(7,382)
Interest capitalized as a cost of construction	(2,814)	(3,687)	—	(6,501)
Interest expense which is classified as an investment expense	(3,556)	—	—	(3,556)
INTEREST EXPENSE, NET	**$ 169,091**	**$ 79,348**	**$ 30,324**	**$ 278,763**
2024				
Interest expense, gross	$ 178,439	$ 80,394	$ 30,830	$ 289,663
Less:				
Interest income earned on unspent bond proceeds	(6,574)	—	—	(6,574)
Interest capitalized as a cost of construction	(4,032)	(3,110)	—	(7,142)
Interest expense which is classified as an investment expense	(3,772)	—	—	(3,772)
INTEREST EXPENSE, NET	**$ 164,061**	**$ 77,284**	**$ 30,830**	**$ 272,175**

The University and SHC use interest rate exchange agreements to manage the interest rate exposure of their debt portfolios. University net payments on interest rate exchange agreements were $495 thousand and $27 thousand for the years ended August 31, 2025 and 2024, respectively. SHC net payments on interest rate exchange agreements were $2.7 million and $776 thousand for the years ended August 31, 2025 and 2024, respectively.

PRINCIPAL PAYMENTS

At August 31, 2025, scheduled principal payments on notes and bonds, in thousands of dollars, are as follows:

	PRINCIPAL PAYMENTS			
YEAR ENDING AUGUST 31	UNIVERSITY	SHC	LPCH	CONSOLIDATED
2026 Variable debt subject to remarketing	$ 141,200	$ 168,200	$ —	$ 309,400
2026 Other	6,167	20,315	10,085	36,567
2027	306,380	21,255	10,615	338,250
2028	6,596	22,300	11,655	40,551
2029	169,660	23,375	12,245	205,280
2030	507,067	324,530	12,860	844,457
Thereafter	4,659,659	2,106,460	646,120	7,412,239
TOTAL	**$ 5,796,729**	**$ 2,686,435**	**$ 703,580**	**$ 9,186,744**

10. Net Assets

Net assets without donor restrictions include Board-designated funds functioning as endowment *(see Note 11)*, net investment in plant facilities and other operating funds.

Net assets with donor restrictions consist primarily of endowment gifts that are limited for long-term investment, and accumulated appreciation that may be appropriated for expenditure by the University (see *Note 11*). Net assets with donor restrictions also include gifts and pledges that are subject to donor-imposed restrictions that expire with the passage of time, payment of pledges, and/or actions of the University, and other funds including Stanford's net equity in split-interest agreements and student loans.

Net assets at August 31, 2025 and 2024, in thousands of dollars, are as follows:

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
2025					
NET ASSETS WITHOUT DONOR RESTRICTIONS					
Board designated endowment - Funds functioning as endowment	$ 17,628,665	$ —	$ 165,376	$ —	$ 17,794,041
Net investment in plant facilities and other plant funds	4,912,041	2,245,121	1,074,798	—	8,231,960
Operating funds	5,634,064	6,498,811	1,430,501	(234,748)	13,328,628
Total net assets without donor restrictions	28,174,770	8,743,932	2,670,675	(234,748)	39,354,629
NET ASSETS WITH DONOR RESTRICTIONS					
Subject to expenditure for specified purpose:					
Unspent gifts and gifts with undecided purpose restrictions	959,937	—	—	—	959,937
Plant facilities	371,326	18,078	205,331	—	594,735
Total	1,331,263	18,078	205,331	—	1,554,672
Subject to passage of time:					
Pledges receivable	1,120,711	18,087	94,489	74,013	1,307,300
Other funds	425,305	48,132	70,393	—	543,830
Total	1,546,016	66,219	164,882	74,013	1,851,130
Subject to University's spending policy:					
Accumulated appreciation	12,898,714	34,174	269,204	—	13,202,092
Subject to restrictions in perpetuity:					
Endowment funds	10,078,253	15,662	290,231	—	10,384,146
Pledges receivable	1,439,213	—	686	—	1,439,899
Other funds	335,291	—	—	—	335,291
Total	11,852,757	15,662	290,917	—	12,159,336
Total net assets with donor restrictions	27,628,750	134,133	930,334	74,013	28,767,230
TOTAL NET ASSETS	**$55,803,520**	**$8,878,065**	**$3,601,009**	**$ (160,735)**	**$ 68,121,859**

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
2024					
NET ASSETS WITHOUT DONOR RESTRICTIONS					
Board designated endowment - Funds functioning as endowment	$ 16,672,429	$ —	$ 152,740	$ —	$ 16,825,169
Net investment in plant facilities and other plant funds	4,763,983	2,242,153	1,028,480	—	8,034,616
Operating funds	5,635,273	5,447,334	1,357,149	(198,530)	12,241,226
Total net assets without donor restrictions	27,071,685	7,689,487	2,538,369	(198,530)	37,101,011
NET ASSETS WITH DONOR RESTRICTIONS					
Subject to expenditure for specified purpose:					
Gifts with undecided purpose restrictions	897,221	—	—	—	897,221
Plant facilities	434,441	12,607	180,294	—	627,342
Total	1,331,662	12,607	180,294	—	1,524,563
Subject to passage of time:					
Pledges receivable	1,222,637	35,756	96,628	35,999	1,391,020
Other funds	380,607	44,920	82,759	—	508,286
Total	1,603,244	80,676	179,387	35,999	1,899,306
Subject to University's spending policy:					
Accumulated appreciation	11,178,886	29,063	225,464	—	11,433,413
Subject to restrictions in perpetuity:					
Endowment funds	9,603,764	15,868	280,913	—	9,900,545
Pledges receivable	1,320,985	—	5,544	—	1,326,529
Other funds	357,362	—	—	—	357,362
Total	11,282,111	15,868	286,457	—	11,584,436
Total net assets with donor restrictions	25,395,903	138,214	871,602	35,999	26,441,718
TOTAL NET ASSETS	**$52,467,588**	**$7,827,701**	**$3,409,971**	**$ (162,531)**	**$ 63,542,729**

11. Endowments

The University classifies a substantial portion of its financial resources as endowment, which is invested to generate income to support operating and strategic initiatives. The endowment, which includes endowed lands, is comprised of donor-restricted endowment funds and funds functioning as endowment (FFE). Depending on the nature of the donor's stipulation, these resources are recorded as net assets with donor restrictions or net assets without donor restrictions. Term endowments are similar to other endowment funds except that, upon the passage of a stated period of time or the occurrence of a particular event, all or part of the principal may be expended. Accordingly, term endowments are classified as net assets with donor restrictions until expiration of the term or completion of the donor restriction. FFE are University resources designated by the Board as endowment and are invested for long-term appreciation and current income. These assets, however, remain available and may be spent at the Board's discretion. Accordingly, FFE are recorded as net assets without donor restrictions.

Stanford classifies as net assets with donor restrictions (a) the original value of gifts donated to the endowment with donor restrictions and (b) accumulations to the endowment with donor restrictions made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund. The remaining accumulation to the endowment funds that are required to be maintained in perpetuity in accordance with the direction of the applicable donor gift instrument, is classified as net assets with donor restrictions until those amounts are authorized for expenditure.

Endowment funds by net asset classification at August 31, 2025 and 2024, in thousands of dollars, are as follows:

	2025	2024
University endowment		
Endowment funds without donor restrictions:		
Funds functioning as endowment	$ 17,628,665	$ 16,672,429
Endowment funds with donor restrictions:		
Original donor-restricted gift amount and gains maintained in perpetuity	10,078,253	9,603,764
Term endowment and related gains	294,342	273,665
Additional accumulated gains available for expenditure, subject to spending policy	12,785,286	11,081,201
Total endowment funds with donor restrictions	23,157,881	20,958,630
University endowment	40,786,546	37,631,059
LPCH endowment		
Endowment funds without donor restrictions:		
Funds functioning as endowment	165,376	152,740
Endowment funds with donor restrictions	545,076	509,638
LPCH endowment	710,452	662,378
SHC endowment funds with donor restrictions	49,836	44,931
TOTAL ENDOWMENT FUNDS	**$ 41,546,834**	**$ 38,338,368**

Most of Stanford's endowment is invested in the MP. The return objective for the MP is to generate optimal long-term total return while maintaining an appropriate level of risk. Investment returns are achieved through both capital appreciation (realized and unrealized gains) and current yield (interest and dividends). Portfolio asset allocation targets as well as expected risk, return and correlation among the asset classes are reevaluated regularly by Stanford Management Company.

UNIVERSITY

Changes in the University's endowment, excluding pledges, for the years ended August 31, 2025 and 2024, in thousands of dollars, are as follows:

	NET ASSETS WITHOUT DONOR RESTRICTIONS	NET ASSETS WITH DONOR RESTRICTIONS	TOTAL
2025			
Endowment, beginning of year	$ 16,672,429	$ 20,958,630	$ 37,631,059
Total investment returns, net	1,267,380	2,703,306	3,970,686
Amounts distributed for operations	(766,029)	(1,180,392)	(1,946,421)
Gifts, transfers and other changes in endowment:			
Current year gifts and pledge payments	14,955	487,898	502,853
Transfers of prior year gifts	322	131,541	131,863
Added to FFE reserves	463,537	—	463,537
Other funds added to (withdrawn from) the endowment, net	(23,928)	56,897	32,969
Total gifts, transfers and other changes in endowment	454,886	676,336	1,131,222
Total net increase (decrease) in endowment	956,237	2,199,250	3,155,487
ENDOWMENT, END OF YEAR	**$ 17,628,666**	**$ 23,157,880**	**$ 40,786,546**
2024			
Endowment, beginning of year	$ 16,841,959	$ 19,652,934	$ 36,494,893
Total investment returns, net	237,112	1,783,077	2,020,189
Amounts distributed for operations	(715,744)	(1,106,568)	(1,822,312)
Gifts, transfers and other changes in endowment:			
Current year gifts and pledge payments	911	562,906	563,817
Transfers of prior year gifts	3	42,374	42,377
Added to FFE reserves	264,509	—	264,509
Other funds added to the endowment, net	43,679	23,907	67,586
Total gifts, transfers and other changes in endowment	309,102	629,187	938,289
Total net increase (decrease) in endowment	(169,530)	1,305,696	1,136,166
ENDOWMENT, END OF YEAR	**$ 16,672,429**	**$ 20,958,630**	**$ 37,631,059**

Approximately 11% of the University's endowment is invested in real estate on Stanford's lands, including the Stanford Research Park. This portion of the endowment includes the present value of ground leases, and rental properties that have been developed on Stanford lands. The net operating income from these properties is distributed each year for University operations.

Through the combination of investment strategy and payout policy, the University strives to provide a reasonably consistent payout from endowment to support operations, while preserving the purchasing power of the endowment adjusted for inflation.

The Board approves the amounts to be paid out annually from endowment funds invested in the MP. Consistent with the Uniform Prudent Management of Institutional Funds Act, when determining the appropriate payout the Board considers the purposes of the University and the endowment, the duration and preservation of the endowment, general economic conditions, the possible effect of inflation or deflation, the expected return from income and the appreciation of investments, other resources of the University, and the University's investment policy.

The Board approved spending rate for fiscal years 2025 and 2024 was 5.25%. The payout amount is determined by applying a smoothing rule designed to mitigate the impact of short-term market volatility on the flow of funds to support operations. The Board has the authority to override the smoothing rule and set the payout rate directly. The sources of payout are earned income on endowment assets (interest, dividends, rents and royalties), and realized capital gains, as needed and as available.

SHC

SHC's endowment is intended to generate investment income to support its current operating and strategic initiatives. SHC invests all of its endowment in the University's MP. The endowments are subject to the same investment and spending strategies that the University employs. "Amounts distributed for operations" in the table below represents SHC's current year endowment payout spent for designated purposes. All of SHC's endowment is donor restricted. Changes in SHC's endowment, excluding pledges, for the years ended August 31, 2025 and 2024, in thousands of dollars, are as follows:

	2025	2024
Endowment, beginning of year	$ 44,931	$ 41,729
Total investment returns, net	5,788	3,491
Amounts distributed for operations	(677)	(613)
Gifts and pledge payments	(206)	324
Total net increase in endowment	4,905	3,202
ENDOWMENT, END OF YEAR	**$ 49,836**	**$ 44,931**

LPCH

LPCH's endowment is intended to generate investment income to support its current operating and strategic initiatives. The endowment includes funds held by LPCH and LPFCH. LPCH is the sole member of LPFCH, a public charity, whose mission is to elevate the priority of children's health and increase the quality and accessibility of children's health care through leadership and direct investment. LPCH invests the majority of its endowment in the University's MP, and LPFCH invests its endowment in other long-term investments.

LPCH's endowment is subject to the same investment and spending strategies that the University employs for its donor-restricted and board designated funds functioning as an endowment that provide for annual amounts (payout) to be distributed to appropriate restricted funds supporting operating and strategic activities of LPCH.

LPFCH's endowment is approved as board designated funds functioning as endowment by LPFCH's Board of Directors. LPFCH has a policy of appropriating for distribution each year an amount determined annually based on budget needs. The annual distribution is expected to average no more than 5% of the endowment fund's fair value. For individual years, it is expected to fall within a target range of 4.75% to 5.25% of the endowment fund's average fair value over the prior 12 quarters. Unspent program budget may be spent in future years subject to certain limits. LPFCH's Board of Directors may also appropriate an amount outside this target range. Accordingly, depending on anticipated activity and timing of the grant opportunities, actual spending may fall outside of the range. In establishing this policy, the LPFCH considered the long term expected return on its endowment. Over the long term, the LPFCH expects the current spending policy to allow its endowment to grow at a rate of expected inflation. This is consistent with the LPFCH's objective to maintain the purchasing power of the endowment assets held in perpetuity as well as to provide additional real growth through investment return.

Changes in LPCH's endowment, excluding pledges, for the years ended August 31, 2025 and 2024, in thousands of dollars, are as follows:

	NET ASSETS WITHOUT DONOR RESTRICTIONS	NET ASSETS WITH DONOR RESTRICTIONS	TOTAL
2025			
Endowment, beginning of year	$ 152,740	$ 509,638	$ 662,378
Total investment returns, net	16,547	56,328	72,875
Amounts distributed for operations	(3,911)	(13,236)	(17,147)
Gifts and pledge payments	—	3,977	3,977
Other	—	(11,631)	(11,631)
Total net increase in endowment	12,636	35,438	48,074
ENDOWMENT, END OF YEAR	**$ 165,376**	**$ 545,076**	**$ 710,452**
2024			
Endowment, beginning of year	$ 145,276	$ 482,181	$ 627,457
Total investment returns, net	13,290	41,588	54,878
Amounts distributed for operations	(5,826)	(13,183)	(19,009)
Gifts and pledge payments	—	9,498	9,498
Other	—	(10,446)	(10,446)
Total net increase in endowment	7,464	27,457	34,921
ENDOWMENT, END OF YEAR	**$ 152,740**	**$ 509,638**	**$ 662,378**

12. Health Care Services Revenue

SHC and LPCH derive a majority of health care services revenue from contractual agreements with Medicare, Medi-Cal and other third-party payers that provide for payments at amounts different from established rates. Payments under these agreements and programs are based on a variety of payment models, including estimated retroactive audit adjustments under reimbursement agreements with third-party payers. Retroactive adjustments are estimated and recorded in the period the related services are rendered and adjusted in future periods, as final settlements are determined. Contracts, laws and regulations governing the Medicare and Medi-Cal programs are complex and subject to interpretation. As a result, it is reasonably possible that recorded estimates may change by a material amount in the near term. A summary of payment arrangements with major third-party payers follows.

Medicare
Inpatient acute care services rendered to Medicare program beneficiaries are paid at prospectively determined rates per discharge. These rates vary according to a patient classification system that is based on clinical, diagnostic and other factors. Medicare reimburses hospitals for covered outpatient services rendered to its beneficiaries by way of an outpatient prospective payment system based on ambulatory payment classifications.

Inpatient non-acute services, certain outpatient services and medical education costs related to Medicare beneficiaries are paid based, in part, on a cost reimbursement methodology subject to final settlement after submission of annual cost reports and audits thereof by the Medicare fiscal intermediary. The estimated amounts due to or from the program are reviewed and adjusted annually based on the status of such audits and any subsequent appeals. Differences between final settlements and amounts accrued in previous years are reported as adjustments to net health care services revenue in the year examination is substantially completed. Medicare cost reports have been audited by the Medicare administrative contractor through August 31, 2018 for SHC and August 31, 2019 for LPCH.

Professional services are reimbursed based on a fee schedule.

Medicare Managed Care
Medicare Part C also known as Medicare Advantage is a type of Medicare plan offered by private insurance carriers that provide members with access to both inpatient and outpatient health care services. The majority of Medicare Advantage Plans include prescription drug coverage and come in the form of Health Maintenance Organizations (HMOs) and Preferred Provider Organizations (PPOs). Medicare Advantage plans typically reimburse healthcare providers at Medicare rates

Medi-Cal
The State reimburses hospitals for inpatient services rendered to Medi-Cal program beneficiaries using an All Patient Refined-Diagnosis Related Group (APR-DRG) methodology. Hospital outpatient and professional services are reimbursed based upon prospectively determined fee schedules.

The California Children's Services (CCS) Program is a partnership between state and counties that provides medical case management for children in California diagnosed with serious chronic diseases. Currently, approximately 70% of CCS-eligible children are also Medi-Cal eligible. The Medi-Cal program reimburses their care.

Medi-Cal Managed Care
Health plans for patients who qualify for Medi-Cal are first covered under Medi-Cal Fee for Service ('FFS') before the patients choose a health plan which provides health care services through established networks of organized systems of care. Negotiated contracts with Medi-Cal managed care health plans typically reimburse 100% of Medi-Cal fee for service rates.

Managed Care - discounted fee for services
SHC and LPCH have entered into agreements with numerous third-party payers to provide patient care to beneficiaries under a variety of payment arrangements. These include arrangements with:

- Commercial insurance companies which reimburse at negotiated charges.
- Managed care contracts such as those with HMOs and PPOs, which reimburse at contracted or per diem rates, which are usually less than full charges.
- Counties in the State of California, which reimburse for certain indigent patients covered under county contracts.

Uninsured

For uninsured patients that do not qualify for charity care, revenue is recognized on the basis of standard rates for services less an uninsured discount applied to the patient's account and an implicit pricing concession that approximates the average discount for managed care payers.

Premium Revenue

SHC has capitated agreements with various HMOs to provide medical services to enrollees. Under these agreements, monthly payments are received based on the number of health plan enrollees. Premium revenue is recognized in the month in which the member is eligible for Medicare services as "Health care services" in the *Consolidated Statements of Activities*. Costs are accrued when services are rendered under these contracts, including cost estimates of incurred but not reported ("IBNR") claims. The IBNR accrual (which is included in "Accounts payable and accrued expenses") includes an estimate of the costs of services for which SHC is responsible, including referrals to outside healthcare providers.

The following table presents health care services revenue, net of price concessions, for the years ended August 31, in thousands of dollars:

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
2025					
Patient care revenue, net:					
Medicare	$ —	$ 1,538,580	$ 10,780	$ —	$ 1,549,360
Medicare managed care	—	694,558	—	—	694,558
Medi-Cal	—	63,164	336,749	—	399,913
Medi-Cal managed care	—	612,737	163,260	—	775,997
Managed care - discounted fee for services	—	5,887,315	2,105,249	—	7,992,564
Self pay and other	—	318,331	244,429	—	562,760
Physician services and support (see *Note 1*)	2,072,657	50,686	—	(2,123,343)	—
Total patient care revenue, net	2,072,657	9,165,371	2,860,467	(2,123,343)	11,975,152
Premium revenue	—	41,318	—	—	41,318
Other services and support	53,498	—	—	(10,013)	43,485
HEALTH CARE SERVICES REVENUE, NET	**$2,126,155**	**$9,206,689**	**$2,860,467**	**$ (2,133,356)**	**$ 12,059,955**
2024					
Patient care revenue, net:					
Medicare	$ —	$ 1,519,060	$ 6,142	$ —	$ 1,525,202
Medicare managed care	—	575,948	—	—	575,948
Medi-Cal	—	255,202	651,888	—	907,090
Medi-Cal managed care	—	500,387	—	—	500,387
Managed care - discounted fee for services	—	5,405,126	1,881,501	—	7,286,627
Self pay and other	—	376,163	202,643	—	578,806
Physician services and support (see *Note 1*)	1,844,608	49,436	—	(1,894,044)	—
Total patient care revenue, net	1,844,608	8,681,322	2,742,174	(1,894,044)	11,374,060
Premium revenue	—	56,709	—	—	56,709
Other services and support	55,200	—	—	(10,392)	44,808
HEALTH CARE SERVICES REVENUE, NET	**$1,899,808**	**$8,738,031**	**$2,742,174**	**$ (1,904,436)**	**$ 11,475,577**

For the years ended August 31, 2025 and 2024, SHC recognized net health care services revenue adjustments of $21.4 million and $144.6 million, respectively, as a result of prior years' favorable developments related to reimbursement and appeals. LPCH had no significant adjustments to revenue for the years ended August 31, 2025 and 2024.

Charity Care and Community Benefits

SHC and LPCH provide charity care, free of charge, to vulnerable populations. SHC's estimated cost of providing charity care was $25.4 million and $29.1 million, and LPCH's estimated cost of providing charity care was $1.8 million and $2.7 million for the years ended August 31, 2025 and 2024, respectively. This cost is estimated by calculating a ratio of total costs to gross patient service charges at established rates, and then multiplying that ratio by gross uncompensated patient service charges at established rates associated with providing care to charity patients.

SHC and LPCH also provide services to other patients under the Medicare, Medi-Cal and other publicly sponsored programs, which reimburse at amounts less than the cost of the services provided to the recipients. Estimated costs in excess of reimbursements for the Medicare, Medi-Cal and other publicly sponsored programs for the years ended August 31, 2025 and 2024 were $2.1 billion and $2.0 billion for SHC, respectively. For LPCH, estimated cost in excess of reimbursements for Medi-Cal and other publicly sponsored programs for the years ended August 31, 2025 and 2024 were $343.6 million and $365.7 million, respectively.

Provider Fee

The State of California enacted legislation in 2013 which established a Hospital Quality Assurance Fee (QAF) Program and a Hospital Fee Program. These programs impose a provider fee on certain California general acute care hospitals that, combined with federal matching funds, is used to provide supplemental payments to certain hospitals and support the State's effort to maintain health care coverage for children. California's participation in these programs was made permanent by a ballot initiative passed in November 2016. Specific portions of the program covering the period from January 1, 2023 to December 31, 2024 have not yet been approved by the Centers for Medicare and Medicaid Services (CMS). Accordingly, for unapproved programs related to January 1, 2023 through August 31, 2025 provider fees paid are recorded as prepaid expense and supplemental payments received are recorded as deferred revenue, and no revenue or expense has been recognized in the *Consolidated Statements of Activities*.

Provider fee revenue is recorded in "Health care services" while provider fee expense is recorded in "Other operating expenses" in the *Consolidated Statements of Activities*. Provider fee revenue, net of expense, under the approved portions of the programs for the years ended August 31, in thousands of dollars, is as follows:

	SHC	LPCH	CONSOLIDATED
2025			
Revenue	$ 13,544	$ 18,091	$ 31,635
Expense	(12,847)	(7,055)	(19,902)
TOTAL	**$ 697**	**$ 11,036**	**$ 11,733**
2024			
Revenue	$ 206,672	$ 205,008	$ 411,680
Expense	(117,910)	(68,491)	(186,401)
TOTAL	**$ 88,762**	**$ 136,517**	**$ 225,279**

Deferred revenue and prepaid expense associated with unapproved programs will be recognized as revenue and expense upon CMS approval. Deferred revenue and prepaid expense as of August 31, 2025 and 2024, in thousands of dollars, is as follows:

	SHC	LPCH	CONSOLIDATED
2025			
Deferred revenue	$ 60,665	$ 63,293	$ 123,958
Prepaid expense	$ 44,185	$ 26,206	$ 70,391
2024			
Deferred revenue	$ 12,175	$ 22,806	$ 34,981
Prepaid expense	$ 8,730	$ 5,357	$ 14,087

13. Gifts and Pledges

Gifts and pledges reported for financial statement purposes are recorded on the accrual basis. The following summarizes gifts and pledges reported for the years ended August 31, 2025 and 2024, per the *Consolidated Statements of Activities*, in thousands of dollars:

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
2025					
Current year gifts in support of operations	$ 298,718	$ 25,452	$ 5,670	$ —	$ 329,840
Donor advised funds, net	(86,028)	—	—	—	(86,028)
Current year gifts not included in operations	14,954	—	—	—	14,954
Gifts and pledges, net - with donor restrictions	1,030,874	(838)	121,053	6,726	1,157,815
TOTAL	**$ 1,258,518**	**$ 24,614**	**$126,723**	**$ 6,726**	**$ 1,416,581**
2024					
Current year gifts in support of operations	$ 259,879	$ 177	$ 5,312	$ —	$ 265,368
Donor advised funds, net	(64,292)	—	—	—	(64,292)
Current year gifts not included in operations	911	—	—	—	911
Gifts and pledges, net - with donor restrictions	958,312	7,145	73,509	14,650	1,053,616
TOTAL	**$ 1,154,810**	**$ 7,322**	**$ 78,821**	**$ 14,650**	**$ 1,255,603**

14. Functional Expenses

Expenses are presented by functional classification in alignment with Stanford's mission of teaching, research and health care.

Major functional categories consist of the following:

- **Instruction and departmental research** includes teaching and internally funded research expenses.
- **Organized research - direct costs** include sponsored support costs.
- **Health care services** include patient care provided by SHC, LPCH, SOM faculty, and other health care related activities.
- **Auxiliary activities** include housing and dining services, intercollegiate athletics, Stanford Alumni Association, and other activities.
- **SLAC construction** includes the costs associated with major projects and facilities at the SLAC National Accelerator Laboratory.

Natural expenses attributable to more than one functional expense category are allocated using a variety of cost allocation techniques such as square footage and time and effort. Depreciation and facility operations and maintenance expenses are allocated to the functional categories directly or based on the square footage occupancy. Salaries and benefits expenses are allocated to functional categories directly based on time and effort incurred. Expense allocation methods for financial statements differ from those used for other purposes, such as governmental surveys.

Expenses by functional and natural classification for the years ended August 31, 2025 and 2024, in thousands of dollars, are as follows:

	SALARIES AND BENEFITS	DEPRECIATION	OTHER OPERATING EXPENSES	TOTAL OPERATING EXPENSES
2025				
UNIVERSITY				
Instruction and departmental research	$ 2,156,973	$ 164,559	$ 819,974	$ 3,141,506
Organized research - direct costs	1,075,709	90,095	713,068	1,878,872
Health care services	1,406,257	4,071	27,158	1,437,486
Auxiliary activities	259,211	161,685	390,172	811,068
Administration and general	517,767	57,376	267,826	842,969
Student services	261,203	7,882	201,764	470,849
Libraries	85,445	77,826	73,402	236,673
Development	130,177	4,489	21,395	156,061
SLAC construction	70,956	—	104,713	175,669
TOTAL EXPENSES	**5,963,698**	**567,983**	**2,619,472**	**9,151,153**
SHC				
Health care services	3,904,839	258,453	4,247,752	8,411,044
Administration and general	319,258	17,570	226,964	563,792
Development	1,562	—	16,437	17,999
TOTAL EXPENSES	**4,225,659**	**276,023**	**4,491,153**	**8,992,835**
LPCH				
Health care services	1,312,288	81,112	1,243,567	2,636,967
Administration and general	117,835	5,106	144,852	267,793
Development	27,565	693	12,797	41,055
TOTAL EXPENSES	**1,457,688**	**86,911**	**1,401,216**	**2,945,815**
ELIMINATIONS				
Health care services	—	—	(2,014,075)	(2,014,075)
Administration and general	—	—	(116,333)	(116,333)
Development	—	—	(23,948)	(23,948)
TOTAL ELIMINATIONS	**—**	**—**	**(2,154,356)**	**(2,154,356)**
CONSOLIDATED				
Instruction and departmental research	2,156,973	164,559	819,974	3,141,506
Organized research - direct costs	1,075,709	90,095	713,068	1,878,872
Health care services	6,623,384	343,636	3,504,402	10,471,422
Auxiliary activities	259,211	161,685	390,172	811,068
Administration and general	954,860	80,052	523,309	1,558,221
Student services	261,203	7,882	201,764	470,849
Libraries	85,445	77,826	73,402	236,673
Development	159,304	5,182	26,681	191,167
SLAC construction	70,956	—	104,713	175,669
TOTAL EXPENSES	**$11,647,045**	**$ 930,917**	**$ 6,357,485**	**$18,935,447**

	SALARIES AND BENEFITS	DEPRECIATION	OTHER OPERATING EXPENSES	TOTAL EXPENSES
2024				
UNIVERSITY				
Instruction and departmental research	$ 1,999,106	$ 151,917	$ 800,343	$ 2,951,366
Organized research - direct costs	1,019,035	83,162	620,853	1,723,050
Health care services	1,230,475	3,915	27,813	1,262,203
Auxiliary activities	238,190	155,984	376,154	770,328
Administration and general	473,710	52,961	250,674	777,345
Student services	246,610	7,276	183,803	437,689
Libraries	78,039	73,725	69,022	220,786
Development	119,362	4,142	20,729	144,233
SLAC construction	55,746	—	74,346	130,092
TOTAL EXPENSES	**5,460,273**	**533,082**	**2,423,737**	**8,417,092**
SHC				
Health care services	3,616,758	272,513	3,935,250	7,824,521
Administration and general	297,137	19,517	249,863	566,517
Development	1,479	—	16,148	17,627
TOTAL EXPENSES	**3,915,374**	**292,030**	**4,201,261**	**8,408,665**
LPCH				
Health care services	1,245,448	77,745	1,202,916	2,526,109
Administration and general	106,488	3,625	121,892	232,005
Development	30,095	1,431	17,279	48,805
TOTAL EXPENSES	**1,382,031**	**82,801**	**1,342,087**	**2,806,919**
ELIMINATIONS				
Health care services	—	—	(1,870,179)	(1,870,179)
Administration and general	—	—	(36,071)	(36,071)
Development	—	—	(17,436)	(17,436)
TOTAL ELIMINATIONS	**—**	**—**	**(1,923,686)**	**(1,923,686)**
CONSOLIDATED				
Instruction and departmental research	1,999,106	151,917	800,343	2,951,366
Organized research - direct costs	1,019,035	83,162	620,853	1,723,050
Health care services	6,092,681	354,173	3,295,800	9,742,654
Auxiliary activities	238,190	155,984	376,154	770,328
Administration and general	877,335	76,103	586,358	1,539,796
Student services	246,610	7,276	183,803	437,689
Libraries	78,039	73,725	69,022	220,786
Development	150,936	5,573	36,720	193,229
SLAC construction	55,746	—	74,346	130,092
TOTAL EXPENSES	**$10,757,678**	**$ 907,913**	**$ 6,043,399**	**$17,708,990**

15. University Retirement Plans

The University provides retirement benefits through both defined contribution and defined benefit retirement plans for substantially all of its employees.

DEFINED CONTRIBUTION PLAN

The University offers a defined contribution plan to eligible faculty and staff through the *Stanford Contributory Retirement Plan* (SCRP). Employer contributions are based on a percentage of participant annual compensation, participant contributions and years of service. University and participant contributions are primarily invested in annuities and mutual funds. University contributions under the SCRP, which are vested immediately to participants, were $283.7 million and $259.5 million for the years ended August 31, 2025 and 2024, respectively.

DEFINED BENEFIT PLANS

The University provides retirement and postretirement medical and other benefits through the *Staff Retirement Annuity Plan*, the *Faculty Retirement Incentive Program*, and the *Postretirement Benefit Plan* (the "Plans"). The obligations for the Plans, net of plan assets, are recorded in the *Consolidated Statements of Financial Position* as "Accrued pension and postretirement benefit obligations." These plans are described in more detail below.

Staff Retirement Annuity Plan

Retirement benefits for certain employees are provided through the *Staff Retirement Annuity Plan* (SRAP), a noncontributory plan. While the SRAP is closed to new participants, certain employees continue to accrue benefits. Contributions to the plan are made in accordance with the Employee Retirement Income Security Act (ERISA) based on actuarially determined amounts sufficient to meet the benefits to be paid to plan participants.

Faculty Retirement Incentive Program

The University provides a retirement incentive bonus for eligible faculty through the University *Faculty Retirement Incentive Program* (FRIP). The University's faculty may become eligible for the FRIP program if they commit to retire within a designated window of time. At August 31, 2025 and 2024, there were no program assets. The University funds benefit payouts as they are incurred.

Postretirement Benefit Plan

The University provides medical, dental, and vision benefits for retired employees through its *Postretirement Benefit Plan* (PRBP). The University's employees and their covered dependents may become eligible for the PRBP upon the employee's retirement and meeting specific years of service and age criteria. Retiree health plans are paid for, in part, by retiree contributions, which are adjusted annually. The University's subsidy varies depending on whether the retiree is covered under the legacy design or the defined dollar benefit design. The University provides Medicare and non-Medicare medical plans to eligible retirees and their dependents.

The change in the Plans' assets, the related change in benefit obligations and the amounts recognized in the financial statements, in thousands of dollars, are as follows:

	SRAP	FRIP	PRBP	TOTAL
2025				
Fair value of plan assets, beginning of year	$ 210,083	$ —	$ 292,919	$ 503,002
Change in plan assets:				
Actual return on plan assets	7,183	—	32,080	39,263
Employer contributions	—	12,926	13,299	26,225
Plan participants' contributions	—	—	21,319	21,319
Benefits and plan expenses paid	(20,623)	(12,926)	(55,541) *	(89,090)
FAIR VALUE OF PLAN ASSETS, END OF YEAR	**196,643**	**—**	**304,076**	**500,719**
Benefit obligation, beginning of year	212,077	172,930	621,209	1,006,216
Change in projected benefit obligation:				
Service cost	841	9,344	22,346	32,531
Interest cost	9,804	8,326	31,379	49,509
Plan participants' contributions	—	—	21,319	21,319
Plan amendments	320	—	26,160	26,480
Actuarial gain	(3,000)	(11,177)	(20,895)	(35,072)
Benefits and plan expenses paid	(20,623)	(12,926)	(55,541) *	(89,090)
BENEFIT OBLIGATION, END OF YEAR	**199,419**	**166,497**	**645,977**	**1,011,893**
NET LIABILITY RECOGNIZED IN THE *STATEMENTS OF FINANCIAL POSITION*	**$ (2,776)**	**$ (166,497)**	**$ (341,901)**	**$ (511,174)**

** Net of Medicare subsidy of $1.7 million*

2024				
Fair value of plan assets, beginning of year	$ 203,196	$ —	$ 261,260	$ 464,456
Change in plan assets:				
Actual return on plan assets	26,097	—	46,368	72,465
Employer contributions	—	11,155	10,805	21,960
Plan participants' contributions	—	—	21,064	21,064
Benefits and plan expenses paid	(19,210)	(11,155)	(46,578) *	(76,943)
FAIR VALUE OF PLAN ASSETS, END OF YEAR	**210,083**	**—**	**292,919**	**503,002**
Benefit obligation, beginning of year	216,017	164,013	545,157	925,187
Change in projected benefit obligation:				
Service cost	742	8,737	17,613	27,092
Interest cost	10,731	8,349	28,636	47,716
Plan participants' contributions	—	—	21,064	21,064
Actuarial loss	3,797	2,986	55,317	62,100
Benefits and plan expenses paid	(19,210)	(11,155)	(46,578) *	(76,943)
BENEFIT OBLIGATION, END OF YEAR	**212,077**	**172,930**	**621,209**	**1,006,216**
NET LIABILITY RECOGNIZED IN THE *STATEMENTS OF FINANCIAL POSITION*	**$ (1,994)**	**$ (172,930)**	**$ (328,290)**	**$ (503,214)**

** Net of Medicare subsidy of $1.6 million*

The accumulated benefit obligation for the SRAP was $199.2million and $211.7million at August 31, 2025 and 2024, respectively.

Net periodic benefit expense and non-operating activities related to the Plans for the years ended August 31, 2025 and 2024, in thousands of dollars, includes the following components:

	SRAP	FRIP	PRBP	TOTAL
2025				
Service cost	$ 841	$ 9,344	$ 22,346	$ 32,531
PERIODIC BENEFIT EXPENSE	**841**	**9,344**	**22,346**	**32,531**
Non-operating:				
Interest cost	9,804	8,326	31,379	49,509
Expected return on plan assets	(10,787)	—	(19,040)	(29,827)
Amortization of:				
Prior service cost	706	—	373	1,079
Actuarial gain	—	(583)	—	(583)
Non-operating periodic benefit cost	(277)	7,743	12,712	20,178
NET PERIODIC BENEFIT COST[1]	**564**	**17,087**	**35,058**	**52,709**
Non-operating periodic benefit cost	(277)	7,743	12,712	20,178
New prior service cost	320	—	26,160	26,480
Net actuarial loss (gain)	604	(11,177)	(33,935)	(44,508)
Amortization of:				
Prior service cost	(706)	—	(373)	(1,079)
Actuarial gain	—	583	—	583
TOTAL AMOUNTS RECOGNIZED IN NON-OPERATING ACTIVITIES	**$ (59)**	**$ (2,851)**	**$ 4,564**	**$ 1,654**
2024				
Service cost	$ 742	$ 8,737	$ 17,613	$ 27,092
PERIODIC BENEFIT EXPENSE	**742**	**8,737**	**17,613**	**27,092**
Non-operating:				
Interest cost	10,731	8,349	28,636	47,716
Expected return on plan assets	(11,339)	—	(16,982)	(28,321)
Amortization of:				
Prior service cost	850	—	373	1,223
Actuarial loss (gain)	433	(919)	(1,450)	(1,936)
Non-operating periodic benefit cost	675	7,430	10,577	18,682
NET PERIODIC BENEFIT COST[1]	**1,417**	**16,167**	**28,190**	**45,774**
Non-operating periodic benefit cost	675	7,430	10,577	18,682
Net actuarial loss (gain)	(10,961)	2,986	25,931	17,956
Amortization of:				
Prior service cost	(850)	—	(373)	(1,223)
Actuarial gain (loss)	(433)	919	1,450	1,936
TOTAL AMOUNTS RECOGNIZED IN NON-OPERATING ACTIVITIES	**$ (11,569)**	**$ 11,335**	**$ 37,585**	**$ 37,351**

[1]The components of net periodic benefit cost other than service cost are included in "Pension and other postemployment benefit related changes other than service cost" in the Statement of Activities.

Cumulative amounts recognized in non-operating activities, but not yet recognized in net periodic benefit cost in the *Consolidated Statements of Activities*, are presented in the following table for the years ended August 31, 2025 and 2024, in thousands of dollars:

	SRAP	FRIP	PRBP	TOTAL
2025				
Prior service cost	$ 894	$ —	$ 27,169	$ 28,063
Net actuarial loss (gain)	19,923	(35,959)	(83,632)	(99,668)
ACCUMULATED PLAN BENEFIT COSTS NOT YET RECOGNIZED IN NET PERIODIC BENEFIT COST	**$ 20,817**	**$ (35,959)**	**$ (56,463)**	**$ (71,605)**
2024				
Prior service cost	$ 1,280	$ —	$ 1,382	$ 2,662
Net actuarial loss (gain)	19,319	(25,365)	(49,697)	(55,743)
ACCUMULATED PLAN BENEFIT COSTS NOT YET RECOGNIZED IN NET PERIODIC BENEFIT COST	**$ 20,599**	**$ (25,365)**	**$ (48,315)**	**$ (53,081)**

ACTUARIAL ASSUMPTIONS

The weighted average assumptions used to determine the benefit obligations and net periodic benefit cost for the Plans are shown below:

	SRAP		FRIP		PRBP	
	2025	2024	2025	2024	2025	2024
BENEFIT OBLIGATIONS						
Discount rate	5.22%	4.94%	5.39%	5.03%	5.70%	5.16%
Covered payroll growth rate	3.00%	3.00%	4.78%	4.78%	N/A	N/A
NET PERIODIC BENEFIT COST						
Discount rate	4.94%	5.31%	5.03%	5.35%	5.16%	5.37%
Expected returns on plan assets	5.50%	6.00%	N/A	N/A	6.50%	6.50%
Covered payroll growth rate	3.00%	3.00%	4.78%	4.80%	N/A	N/A

The expected long-term rate of return on asset assumptions for the SRAP and PRBP plans is 6.00% and 7.00%, respectively. The assumption is used in determining the expected returns on plan assets, a component of net periodic benefit expense (income), representing the expected return for the upcoming fiscal year on plan assets. This assumption is developed based on future expectations for returns in each asset class, as well as the target asset allocation of the portfolios. The use of expected long-term returns on plan assets may result in income that is greater or less than the actual returns of those plan assets in any given year. Over time, however, the expected long-term returns are designed to approximate the actual long-term returns, and therefore result in a pattern of income and cost recognition that more closely matches the pattern of the services provided by the employees. Differences between actual and expected returns are recognized as a component of non-operating activities and amortized as a component of net periodic benefit expense (income) over the service or life expectancy of the plan participants, depending on the plan, provided such amounts exceed the accounting standards threshold.

To determine the accumulated PRBP obligation at August 31, 2025, a 8.30% and 7.70% annual rate of increase in the cost of covered health care for Medical Pre-65 and Medical Post-65, respectively, was assumed for calendar year 2025 with these rates declining gradually to 4.00% by 2051 and remaining at this rate thereafter.

EXPECTED CONTRIBUTIONS

The University expects to contribute $12.0 million to the FRIP, $30.1 million to the PRBP, and does not expect to contribute to the SRAP during the fiscal year ending August 31, 2026.

EXPECTED BENEFIT PAYMENTS

The following benefit payments, which reflect expected future service, are expected to be paid for the years ending August 31, in thousands of dollars:

			PRBP	
YEAR ENDING AUGUST 31	SRAP	FRIP	EXCLUDING MEDICARE SUBSIDY	EXPECTED MEDICARE PART D SUBSIDY
2026	$ 26,129	$ 11,970	$ 31,124	$ 1,069
2027	18,061	13,406	31,746	—
2028	17,671	12,751	33,629	—
2029	16,737	11,369	35,482	—
2030	16,188	12,134	37,318	—
2031 - 2035	69,240	73,644	213,009	—

INVESTMENT STRATEGY

The University's Retirement Program Investment Committee, acting in a fiduciary capacity, has established formal investment policies for the assets associated with the University's funded plans (SRAP and PRBP). The investment strategy of the plans is to preserve and enhance the value of the plans' assets within acceptable levels of risk. Investments in the plans are diversified among asset classes, striving to achieve an optimal balance between risk and return, and income and capital appreciation. Because the liabilities of each of the plans are long-term, the investment horizon is primarily long-term, with adequate liquidity to meet short-term benefit payment obligations.

CONCENTRATION OF RISK

The University manages a variety of risks, including market, credit, and liquidity risks, across its plan assets. Concentration of risk is defined as an undiversified exposure to one of the above-mentioned risks that increases the exposure of the loss of plan assets unnecessarily. Risk is minimized by predominately investing in broadly diversified index funds for public equities and fixed income. As of August 31, 2025, the University did not have concentrations of risk in any single entity, counterparty, sector, industry or country.

PLAN ASSETS AND ALLOCATIONS

Current U.S. GAAP defines a hierarchy of valuation inputs for the determination of the fair value of plan assets as described in *Note 6*. As of August 31, 2025 and 2024, all of the assets of the PRBP and substantially all of the assets of the SRAP were categorized as Level 1 investments. The fair value of plan assets by asset category, in thousands of dollars, at August 31, 2025 and 2024 and actual allocations and weighted-average target allocations at August 31, 2025 are as follows:

	2025	2024	2025 ACTUAL ALLOCATION	2025 TARGET ALLOCATION
SRAP:				
Cash and cash equivalents	$ 2,525	$ 15,909	1%	—%
Public equities	50,615	61,666	26%	26%
Fixed income	143,503	132,508	73%	74%
TOTAL	**196,643**	**210,083**	**100%**	**100%**
PRBP:				
Cash and cash equivalents	3,328	—	1%	—%
Public equities	225,144	221,609	74%	75%
Fixed income	75,604	71,310	25%	25%
TOTAL	**304,076**	**292,919**	**100%**	**100%**
TOTAL PLAN ASSETS AT FAIR VALUE	**$ 500,719**	**$ 503,002**		

16. SHC and LPCH Retirement Plans

SHC and LPCH provide retirement benefits through defined benefit and defined contribution retirement plans covering substantially all of its regular employees.

DEFINED CONTRIBUTION PLAN

The Hospitals offer a defined contribution plan to eligible employees. Employer contributions to the defined contribution retirement plan are based on a percentage of participant annual compensation, participant contributions and years of service. SHC contributions under the plan, which are vested immediately to participants, were $249.5 million and $225.8 million, and LPCH contributed $92.4 million and $82.9 million for the years ended August 31, 2025 and 2024, respectively.

DEFINED BENEFIT PLANS

The Hospitals provide retirement and postretirement medical benefits through the SHC *Staff Pension Plan*, and the SHC *Postretirement Medical Benefit Plan*, collectively (the "Plans"). The obligations for the Plans, net of plan assets, are recorded in the *Consolidated Statements of Financial Position* as "Accrued pension and postretirement benefit obligations." These plans are described in more detail below.

Staff Pension Plan

Certain employees of SHC and LPCH were covered by the SHC *Staff Pension Plan* (the "Pension Plan"), a noncontributory, defined benefit pension plan. Benefits were based on years of service and the employee's compensation. Contributions to the plan were made in accordance with ERISA based on actuarially determined amounts sufficient to meet the benefits to be paid to plan participants. SHC and LPCH have an arrangement whereby SHC assumed the pension liability of the LPCH employees and previously leased employees. LPCH was required to reimburse SHC for the annual expense incurred for these employees and previously leased employees.

In April 2021, the SHC Board of Directors approved a resolution to terminate the Pension Plan. As of January 31, 2024, the Pension Plan was fully settled, and all benefit obligations released. Plan participants elected to receive either a lump-sum distribution or to transfer benefits to a third-party annuity provider. As a result of the settlement, SHC was relieved of any further obligations under the Pension Plan. During fiscal year 2024, pension settlement charges totaling $51.7 million were recognized. In addition to contributions of $3.9 million in the year ended August 31, 2024, there were contributions of $2.3 million to settle the Pension Plan.

Postretirement Medical Benefit Plan

SHC and LPCH provide health care benefits for certain retired employees through the SHC *Postretirement Medical Benefit Plan* (PRMB). The Hospitals' employees and their covered dependents may become eligible for the PRMB upon the employee's retirement as early as age 55, with years of service as defined by specific criteria. Retiree health plans are paid, in part, by retiree contributions, which are adjusted annually. The Hospitals' subsidies vary depending on whether the retiree is covered under the legacy design or the defined dollar benefit design. Medicare supplement options are provided for retirees over age 65. LPCH reimburses SHC for costs related to this plan on a periodic basis.

The change in the Plans' assets, the related change in benefit obligations and the amounts recognized in the financial statements, in thousands of dollars, are as follows:

	STAFF PENSION PLAN	PRMB
2025		
Fair value of plan assets, beginning of year	$ —	$ —
Change in plan assets:		
Employer contributions	—	7,632
Plan participants' contributions	—	1,039
Benefits and plan expenses paid	—	(8,671) *
FAIR VALUE OF PLAN ASSETS, END OF YEAR	**—**	**—**
Benefit obligation, beginning of year	—	125,092
Change in projected benefit obligation:		
Service cost	—	5,474
Interest cost	—	6,134
Plan participants' contributions	—	1,039
Actuarial gain	—	(1,197)
Benefits and plan expenses paid	—	(8,671) *
Plan amendments	—	21,154
BENEFIT OBLIGATION, END OF YEAR	**—**	**149,025**
NET LIABILITY RECOGNIZED IN THE *STATEMENTS OF FINANCIAL POSITION*	**$ —**	**$ (149,025)**
** Net of Medicare subsidy of $60 thousand*		
2024		
Fair value of plan assets, beginning of year	$ 151,390	$ —
Change in plan assets:		
Actual return on plan assets	6,264	—
Employer contributions	6,055	7,798
Plan participants' contributions	—	1,068
Benefits and plan expenses paid	(7,365)	(8,866) *
Plan settlements	(156,344)	—
FAIR VALUE OF PLAN ASSETS, END OF YEAR	**—**	**—**
Benefit obligation, beginning of year	157,554	115,588
Change in projected benefit obligation:		
Service cost	1,350	5,282
Interest cost	3,448	5,949
Plan participants' contributions	—	1,068
Actuarial loss	1,357	6,071
Benefits and plan expenses paid	(7,365)	(8,866) *
Plan settlements	(156,344)	—
BENEFIT OBLIGATION, END OF YEAR	**—**	**125,092**
NET LIABILITY RECOGNIZED IN THE STATEMENTS OF FINANCIAL POSITION	**$ —**	**$ (125,092)**
** Net of Medicare subsidy of $64 thousand*		

Net periodic benefit cost and non-operating activities related to the Plans for the years ended August 31, 2025 and 2024, in thousands of dollars, includes the following components:

	STAFF PENSION PLAN	PRMB
2025		
Service cost	$ —	$ 5,474
PERIODIC BENEFIT EXPENSE	**—**	**5,474**
Non-operating:		
Interest cost	—	6,134
Amortization of:		
Prior service cost	—	3,361
Actuarial gain	—	(1,081)
Non-operating net periodic benefit cost	—	8,414
NET PERIODIC BENEFIT COST[1]	**—**	**13,888**
Non-operating net periodic benefit cost	—	8,414
Net actuarial loss (gain)	—	(1,197)
New prior service cost	—	21,154
Amortization of:		
Prior service cost	—	(3,361)
Actuarial gain	—	1,081
TOTAL AMOUNTS RECOGNIZED IN NON-OPERATING ACTIVITIES	**$ —**	**$ 26,091**
2024		
Service cost	$ 1,350	$ 5,282
PERIODIC BENEFIT EXPENSE	**1,350**	**5,282**
Non-operating:		
Interest cost	3,448	5,949
Expected return on plan assets	(2,602)	—
Amortization of:		
Prior service cost	66	3,361
Actuarial loss (gain)	132	(1,534)
Curtailment loss	821	—
Settlement loss	51,688	—
Non-operating net periodic benefit cost	53,553	7,776
NET PERIODIC BENEFIT COST[1]	**54,903**	**13,058**
Non-operating net periodic benefit cost	53,553	7,776
Net actuarial loss (gain)	(2,305)	6,071
Amortization of:		
Prior service cost	(887)	(3,361)
Actuarial gain (loss)	(51,820)	1,534
TOTAL AMOUNTS RECOGNIZED IN NON-OPERATING ACTIVITIES	**$ (1,459)**	**$ 12,020**

[1]The components of net periodic benefit cost other than service cost are included in "Pension and other postemployment benefit related changes other than service cost" in the Statements of Activities.

The net periodic benefit cost and amounts recognized in non-operating activities for the PRMB include amounts for both SHC and LPCH employees and is recognized on the Hospitals' respective *Statements of Activities*. The table below presents the amount for each entity as of August 31, 2025 and 2024, in thousands of dollars:

	SHC	LPCH	TOTAL
2025			
Net periodic benefit cost	$ 10,016	$ 3,872	$ 13,888
Amounts recognized in non-operating activities	12,410	5,267	17,677
TOTAL AMOUNT RECOGNIZED IN NET PERIODIC BENEFIT COST AND NON-OPERATING ACTIVITIES	**$ 22,426**	**$ 9,139**	**$ 31,565**
2024			
Net periodic benefit cost	$ 9,435	$ 3,623	$ 13,058
Amounts recognized in non-operating activities	2,112	2,132	4,244
TOTAL AMOUNT RECOGNIZED IN NET PERIODIC BENEFIT COST AND NON-OPERATING ACTIVITIES	**$ 11,547**	**$ 5,755**	**$ 17,302**

Cumulative amounts recognized in non-operating activities, but not yet recognized in net periodic benefit cost in the *Consolidated Statements of Activities*, are presented in the following table for the years ended August 31, 2025 and 2024, in thousands of dollars:

	PRMB	
	2025	2024
Prior service cost	$ 48,419	$ 30,626
Net actuarial gain	(19,065)	(18,949)
ACCUMULATED PLAN BENEFIT COSTS NOT YET RECOGNIZED IN NET PERIODIC BENEFIT COST	**$ 29,354**	**$ 11,677**

ACTUARIAL ASSUMPTIONS

The weighted average assumptions used to determine the benefit obligations and net periodic benefit cost for the Plans are shown below:

	PRMB	
	2025	2024
BENEFIT OBLIGATIONS		
Discount rate	5.57%	5.05%
NET PERIODIC BENEFIT COST		
Discount rate	5.05%	5.34%

To determine the accumulated PRMB obligation at August 31, 2025, a 8.02% for Medical Pre-65 and 8.09% for Medical Post-65 annual rates of increase in the per capita cost of covered health care were assumed for calendar year 2025, declining gradually to 4.00% for both Pre-65 and Post 65, by 2049, and remaining at this rate thereafter.

EXPECTED CONTRIBUTIONS

SHC expects to contribute $6.3 million to the PRMB during the fiscal year ending August 31, 2026.

EXPECTED BENEFIT PAYMENTS

The following benefit payments, which reflect expected future service, are expected to be paid for the fiscal years ending August 31, in thousands of dollars:

	PRMB	
YEAR ENDING AUGUST 31	EXCLUDING MEDICARE SUBSIDY	EXPECTED MEDICARE PART D SUBSIDY
2026	$ 8,365	$ 121
2027	8,330	47
2028	8,735	40
2029	9,283	34
2030	9,883	29
2031 - 2035	60,146	86

17. Leases

LESSEE

Stanford leases research and development facilities, office spaces, buses, and equipment under operating and finance leases expiring through November 2057. Under the accounting standard for leases, a lease conveys the right to control the use of an identified asset for a period of time in exchange for consideration. On the *Consolidated Statements of Financial Position*, "Right-of-use assets" represent Stanford's right to use an underlying asset for the lease term and "Lease liabilities" represent Stanford's obligation to make lease payments arising from the lease based on the present value of lease payments over the lease term. Lease liabilities do not include lease payments that were not fixed at commencement or lease modification. The lease terms may include options to extend or terminate the lease when it is reasonably certain that Stanford will exercise that option. The exercise of lease renewal options is at Stanford's sole discretion. Stanford uses an incremental borrowing rate for discounting leases, as applicable. Short-term leases less than one year are expensed as incurred. Lease costs are included in "Other operating expenses" on the *Consolidated Statements of Activities*. The University has elected the short-term lease recognition exemption; accordingly, leases with original terms of 12 months or less are expensed as incurred and no right-of-use assets or lease liabilities are recorded.

Supplemental information related to leases, in thousands of dollars, except lease term and discount rate, is as follows:

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
2025					
Operating lease	$ 416,124	$ 333,148	$ 186,697	$ (104,920)	$ 831,049
Finance lease	274,679	476	—	—	275,155
TOTAL LEASE RIGHT-OF-USE ASSETS	**$ 690,803**	**$ 333,624**	**$ 186,697**	**$ (104,920)**	**$ 1,106,204**
Operating lease	$ 460,863	$ 350,773	$ 201,282	$ (104,920)	$ 907,998
Finance lease	299,883	478	—	—	300,361
TOTAL LEASE LIABILITY	**$ 760,746**	**$ 351,251**	**$ 201,282**	**$ (104,920)**	**$ 1,208,359**

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
2024					
Operating lease	$ 409,137	$ 381,413	$ 192,383	$ (99,801)	$ 883,132
Finance lease	213,363	—	—	—	213,363
TOTAL LEASE RIGHT-OF-USE ASSETS	**$ 622,500**	**$ 381,413**	**$ 192,383**	**$ (99,801)**	**$ 1,096,495**
Operating lease	$ 446,745	$ 396,355	$ 207,087	$ (99,801)	$ 950,386
Finance lease	232,905	—	—	—	232,905
TOTAL LEASE LIABILITY	**$ 679,650**	**$ 396,355**	**$ 207,087**	**$ (99,801)**	**$ 1,183,291**

	UNIVERSITY		SHC		LPCH	
	2025	2024	2025	2024	2025	2024
WEIGHTED-AVERAGE REMAINING LEASE TERM IN YEARS:						
Operating lease	21.88	22.56	5.21	6.05	5.47	6.11
Finance lease	23.11	25.85	4.51	N/A	N/A	N/A
WEIGHTED-AVERAGE DISCOUNT RATE:						
Operating lease	4.71%	3.32%	4.66%	4.49%	3.20%	2.94%
Finance lease	3.94%	2.75%	4.78%	N/A	N/A	N/A

The components of lease expenses, in thousands of dollars, are as follows:

	UNIVERSITY	SHC	LPCH	CONSOLIDATED
2025				
Operating lease cost	$ 50,232	$ 92,282	$ 41,580	$ 184,094
Finance lease cost:				
Amortization of leased assets	15,130	49	—	15,179
Interest on lease liabilities	6,515	11	—	6,526
Variable lease cost	7,837	15,381	6,971	30,189
Short-term lease cost	11,142	7,607	1,165	19,914
Sublease income	(6,495)	(3,794)	(4,040)	(14,329)
TOTAL LEASE COST	**$ 84,361**	**$ 111,536**	**$ 45,676**	**$ 241,573**
2024				
Operating lease cost	$ 47,915	$ 89,997	$ 38,872	$ 176,784
Finance lease cost:				
Amortization of leased assets	14,654	—	—	14,654
Interest on lease liabilities	6,097	—	—	6,097
Variable lease cost	7,130	11,877	8,876	27,883
Short-term lease cost	11,434	7,151	334	18,919
Sublease income	(7,137)	(4,114)	(2,565)	(13,816)
TOTAL LEASE COST	**$ 80,093**	**$ 104,911**	**$ 45,517**	**$ 230,521**

Supplemental cash flow information related to leases, in thousands of dollars, is as follows:

	UNIVERSITY	SHC	LPCH	CONSOLIDATED
2025				
Cash paid for amounts included in the measurement of lease liabilities:				
Operating cash flows from operating leases	$ 43,100	$ 93,833	$ 41,680	$ 178,613
Operating cash flows from finance leases	6,515	11	—	6,526
Financing cash flows from finance leases	9,471	48	—	9,519
Obtaining right-of-use assets in exchange for lease liabilities:				
Operating leases	$ 38,209	$ 33,344	$ 29,933	$ 101,486
Finance leases	77,012	526	—	77,538
2024				
Cash paid for amounts included in the measurement of lease liabilities:				
Operating cash flows from operating leases	$ 40,432	$ 86,900	$ 38,613	$ 165,945
Operating cash flows from finance leases	6,097	—	—	6,097
Financing cash flows from finance leases	9,131	—	—	9,131
Obtaining right-of-use assets in exchange for lease liabilities:				
Operating leases	$ 10,807	$ 138,450	$ 19,513	$ 168,770
Finance leases	1,002	—	—	1,002

Maturities of lease liabilities for periods subsequent to August 31, 2025, in thousands of dollars, are as follows:

	MATURITY OF LEASE LIABILITIES				
YEAR ENDING AUGUST 31	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
2026	$ 62,751	$ 94,838	$ 42,638	$ (22,035)	$ 178,192
2027	67,752	86,134	40,352	(22,501)	171,737
2028	64,195	71,718	39,861	(22,912)	152,862
2029	61,768	53,208	36,893	(22,812)	129,057
2030	44,922	32,760	32,164	(24,250)	85,596
Thereafter	804,793	56,178	26,450	(13,862)	873,559
TOTAL LEASE PAYMENTS	**1,106,181**	**394,836**	**218,358**	**(128,372)**	**1,591,003**
LESS IMPUTED INTEREST	**(345,435)**	**(43,585)**	**(17,076)**	**23,452**	**(382,644)**
TOTAL	**$ 760,746**	**$ 351,251**	**$ 201,282**	**$ (104,920)**	**$ 1,208,359**

LESSOR

Stanford holds investment properties that it leases to external parties under non-cancellable operating leases. Stanford receives minimum rental income over the life of the lease; however, certain of the leases include variable rental payments that are based on a percentage of the tenant sales in excess of contractual amount. Certain leases include options for lessee to extend or terminate the lease. The University employs a comprehensive risk management strategy for the residual value of the leased assets. This strategy includes ground lease agreements that require the return of assets in first-class condition, regular inspections of the properties, market assessments, and the analysis of historical data to predict asset values at the end of the lease term. The University also monitors economic trends and industry forecasts to adjust our leasing terms and pricing models accordingly.

Rental income is recognized over time in accordance with the contractual term of the related lease agreements. Total rental income under these leases for the years ended August 31, 2025 and 2024 was $319.5 million and $287.6 million for the University, $3.8 million and $7.6 million for SHC, and $1.1 million and $1.2 million for LPCH, respectively. See *Note 6* for future minimum rental income under non-cancellable leases.

18. Related Party Transactions

Members of the University, SHC, and LPCH boards and senior management may, from time to time, be associated, either directly or indirectly, with companies that conduct business with Stanford. Related party transactions such as gifts and pledges, net, faculty and staff mortgages, and investments occur in the normal course of operations and do not have a material effect on Stanford's financial position. Stanford related parties include affiliates, trusts, members of the Board of Trustees and senior management, their family members, and any entities with which they are associated that may conduct business with Stanford.

The University, SHC and LPCH have separate written conflict of interest policies that require, among other items, that no member of their respective board can participate in any decision in which he or she (or an immediate family member) has a material financial interest. Each board member is required to certify compliance with his or her respective entity's conflict of interest policy on an annual basis and indicate whether his or her respective entity does business with any entity in which the board member has a material financial interest. When such relationships exist, measures are taken to mitigate any actual or perceived conflict, including requiring that such transactions be conducted at arm's length, for good and sufficient consideration, based on terms that are fair and reasonable to and for the benefit of the respective entity, and in accordance with applicable conflict of interest laws and policies. No such associations are considered to be significant.

The University, SHC, and LPCH each requires its senior management to disclose annually any significant financial interests in, or employment or consulting relationships with, entities doing business with it. These annual disclosures cover both senior management and their immediate family members. When such relationships exist, measures are taken to appropriately manage the actual or perceived conflict in the best interests of the relevant entity.

19. Commitments and Contingencies

LABOR AGREEMENTS

Approximately 6% of the University's, 39% of SHC's and 47% of LPCH's employees are covered under union contract arrangements and are, therefore, subject to labor stoppages when contracts expire. The University's agreement with the Service Employees International Union (SEIU) will expire in 2028 and the agreement with the Stanford Deputy Sheriffs' Association will expire in 2026. SHC's and LPCH's agreements with SEIU will expire in 2026 and the agreements with the Committee for Recognition of Nursing Achievement (CRONA) will expire in 2028. SHC's agreements with the California Nurses Association (CNA) and with the United Security Associates Union (USAU) will expire in 2027. SHC's agreement with the Committee of Interns and Residents (CIR-SEIU) will expire in 2026.

LITIGATION

The University, SHC and LPCH are defendants in a number of investigations. While the final outcome cannot be determined at this time, management is of the opinion that the liability, if any, resulting from these investigations will not have a material adverse effect on the consolidated financial position.

CONTRACTUAL COMMITMENTS

At August 31, 2025, the University had contractual obligations of approximately $247.6 million in connection with major construction projects. Remaining expenditures on construction in progress are estimated to be $1.2 billion, which will be financed with certain unexpended plant funds, gifts and debt. Commitments on construction contracts, including the construction and remodeling of Hospital facilities, were approximately $709.0 million for SHC and $29.2 million for LPCH at August 31, 2025. SHC had contractual obligations of approximately $880.5 million to support SHC's operations, such as maintenance, food services, software subscription related services, valet services and other purchased services at August 31, 2025.

Over the course of the next several years, SHC will complete renovations to enable the relocation of inpatient units that remain in the 1959-era portion of the hospital, and fulfill the seismic safety mandate to have all inpatient beds located in compliant structures. As of August 31, 2025, $705.0 million was recorded to property and equipment of which $271.0 million was recorded to construction in progress and $434.0 million was capitalized to property and equipment. Estimated cost of the renewal project is approximately $1.6 billion.

The University executed two 25-year agreements with two solar electricity developers and operators in 2015 and 2018 to purchase the output from their solar photovoltaic facilities and battery storage. The first facility was placed in service in December 2016 and the second facility began operation in April 2022. The University's total unpaid commitment under the agreements over the life of the agreements, undiscounted, is $268.9 million.

In addition, as described in *Note 6*, the University is obligated under certain alternative investment agreements to advance additional funding up to specified levels over a period of years.

FEDERAL GOVERNMENT

Stanford continues to monitor developments involving the federal government. Actions at the federal level may have the direct or indirect effect of reducing federal support for Stanford's research or other operations, reducing Stanford's fundraising or other revenue sources, and increasing taxes or other costs borne by Stanford.

The One Big Beautiful Bill Act (OBBBA) increased the current excise tax on Stanford's net investment income from 1.4% to 8.0% beginning in fiscal year 2027. The OBBBA also includes provisions that broaden the scope of excise taxes on compensation, impose restrictions on federal student loans, and aim to restructure healthcare funding which may affect Stanford's Medicaid funding allocations and related revenues. The full extent of these changes is currently under review, and Stanford is actively monitoring legislative developments to assess their potential effect on Stanford's financial performance.

The federal government has historically provided substantial funding for University research and SLAC operations and capital. Earlier in 2025, each of the National Institutes of Health ("NIH") and the National Science Foundation ("NSF") announced that institutions of higher education and other organizations will be subject to a new limit on indirect cost recovery rate with regard to NIH and NSF grants. While both limitations on indirect cost recovery have been blocked by lower courts, if these limitations are implemented in

current or similar form, this limit may result in a substantial reduction in federal funding for Stanford's costs associated with its research facilities and administration. In addition, there is ongoing uncertainty regarding future federal support for research, as the current administration has indicated potential reductions in funding for agencies such as the NIH, NSF, and other federal sources which may result in an adverse financial impact on Stanford.

Further, the U.S. Department of Education has indicated that it views as unlawful racial discrimination a wide variety of actions that may be taken by institutions of higher education to increase diversity, and that such actions may result in the loss of federal funding.

20. Subsequent Events

Stanford has evaluated subsequent events for the period from August 31, 2025 through December 9, 2025, the date the *Consolidated Financial Statements* were issued.

21. Consolidating Entity Statements

The pages which follow present consolidating statements of financial position as of August 31, 2025 and 2024 and consolidating statements of activities and cash flows for the years then ended, in thousands of dollars. The information has been prepared in a manner consistent with U.S. GAAP and was derived from and relates directly to the underlying accounting and other records used to prepare the *Consolidated Financial Statements*.

CONSOLIDATING STATEMENTS OF FINANCIAL POSITION

At August 31, 2025 (in thousands of dollars)

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
ASSETS					
Cash and cash equivalents	$ 1,846,394	$ 406,595	$ 439,748	$ (8,541)	$ 2,684,196
Accounts receivable, net	385,212	1,541,356	798,291	—	2,724,859
Related party receivables	366,727	308,480	111,398	(786,605)	—
Prepaid expenses and other assets	113,107	570,713	205,901	(116,199)	773,522
Pledges receivable, net	2,559,924	18,087	138,480	(47,483)	2,669,008
Student loans receivable, net	31,116	—	—	—	31,116
Related party tax receivables	120,277	—	—	(120,277)	—
Faculty and staff mortgages and other loans receivable, net	1,330,207	—	—	—	1,330,207
Assets limited as to use	816,604	—	17,028	—	833,632
Investments at fair value	51,668,411	6,877,031	1,559,205	8,541	60,113,188
Right-of-use assets	690,803	333,624	186,697	(104,920)	1,106,204
Plant facilities, net of accumulated depreciation	8,791,043	4,271,283	1,854,926	—	14,917,252
Works of art and special collections	—	—	—	—	—
TOTAL ASSETS	**$ 68,719,825**	**$ 14,327,169**	**$ 5,311,674**	**$ (1,175,484)**	**$ 87,183,184**
LIABILITIES AND NET ASSETS					
LIABILITIES:					
Accounts payable and accrued expenses	$ 1,178,899	$ 1,541,777	$ 464,974	$ —	$ 3,185,650
Liabilities associated with investments	1,828,476	—	—	—	1,828,476
Lease liabilities	760,746	351,251	201,282	(104,920)	1,208,359
Deferred income and other obligations	2,005,773	245,125	85,096	—	2,335,994
Related party liabilities	379,629	299,718	110,205	(789,552)	—
Related party tax liabilities	—	90,287	29,990	(120,277)	—
Accrued pension and postretirement benefit obligations	511,174	110,035	38,990	—	660,199
Notes and bonds payable	6,251,608	2,810,911	780,128	—	9,842,647
TOTAL LIABILITIES	**12,916,305**	**5,449,104**	**1,710,665**	**(1,014,749)**	**19,061,325**
NET ASSETS:					
Without donor restrictions	28,174,770	8,743,932	2,670,675	(234,748)	39,354,629
With donor restrictions	27,628,750	134,133	930,334	74,013	28,767,230
TOTAL NET ASSETS	**55,803,520**	**8,878,065**	**3,601,009**	**(160,735)**	**68,121,859**
TOTAL LIABILITIES AND NET ASSETS	**$ 68,719,825**	**$ 14,327,169**	**$ 5,311,674**	**$ (1,175,484)**	**$ 87,183,184**

CONSOLIDATING STATEMENTS OF FINANCIAL POSITION

At August 31, 2024 (in thousands of dollars)

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
ASSETS					
Cash and cash equivalents	$ 886,227	$ 446,748	$ 402,185	$ (8,169)	$ 1,726,991
Accounts receivable, net	376,483	1,355,822	777,650	—	2,509,955
Related party receivables	352,792	260,365	92,885	(706,042)	—
Prepaid expenses and other assets	111,615	490,864	138,693	(111,378)	629,794
Pledges receivable, net	2,543,622	35,756	144,268	(54,209)	2,669,437
Student loans receivable, net	33,652	—	—	—	33,652
Faculty and staff mortgages and other loans receivable, net	1,209,048	—	—	—	1,209,048
Assets limited as to use	551,352	—	8,292	—	559,644
Investments at fair value	47,954,271	5,827,932	1,406,417	8,169	55,196,789
Right of use assets	622,500	381,413	192,383	(99,801)	1,096,495
Plant facilities, net of accumulated depreciation	8,690,768	3,999,516	1,822,027	—	14,512,311
Works of art and special collections	—	—	—	—	—
TOTAL ASSETS	**$ 63,332,330**	**$ 12,798,416**	**$ 4,984,800**	**$ (971,430)**	**$ 80,144,116**
LIABILITIES AND NET ASSETS					
LIABILITIES:					
Accounts payable and accrued expenses	$ 1,113,185	$ 1,465,433	$ 414,670	$ —	$ 2,993,288
Liabilities associated with investments	889,360	—	—	—	$ 889,360
Lease liabilities	679,650	396,355	207,087	(99,801)	1,183,291
Deferred income and other obligations	1,847,946	172,979	41,767	—	2,062,692
Related party liabilities	324,008	299,844	85,246	(709,098)	—
Accrued pension and postretirement benefit obligations	503,214	92,579	32,513	—	628,306
Notes and bonds payable	5,507,379	2,543,525	793,546	—	8,844,450
TOTAL LIABILITIES	**10,864,742**	**4,970,715**	**1,574,829**	**(808,899)**	**16,601,387**
NET ASSETS:					
Without donor restrictions	27,071,685	7,689,487	2,538,369	(198,530)	37,101,011
With donor restrictions	25,395,903	138,214	871,602	35,999	26,441,718
TOTAL NET ASSETS	**52,467,588**	**7,827,701**	**3,409,971**	**(162,531)**	**63,542,729**
TOTAL LIABILITIES AND NET ASSETS	**$ 63,332,330**	**$ 12,798,416**	**$ 4,984,800**	**$ (971,430)**	**$ 80,144,116**

CONSOLIDATING STATEMENTS OF ACTIVITIES

For the year ended August 31, 2025 (in thousands of dollars)

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
NET ASSETS WITHOUT DONOR RESTRICTIONS					
OPERATING REVENUES:					
TOTAL STUDENT INCOME, NET	**$ 845,268**	**$ —**	**$ —**	**$ —**	**$ 845,268**
Sponsored support:					
Direct costs - University	1,194,516	6,033	1,275	—	1,201,824
Direct costs - SLAC National Accelerator Laboratory	757,016	—	—	—	757,016
Indirect costs	373,212	—	—	—	373,212
TOTAL SPONSORED SUPPORT	**2,324,744**	**6,033**	**1,275**	**—**	**2,332,052**
Health care services:					
Net patient service revenue	—	9,165,371	2,860,467	(50,686)	11,975,152
Premium revenue	—	41,318	—	—	41,318
Physicians' services and support - SHC and LPCH, net	2,072,657	—	—	(2,072,657)	—
Physicians' services and support - other facilities, net	53,498	—	—	(10,013)	43,485
TOTAL HEALTH CARE SERVICES	**2,126,155**	**9,206,689**	**2,860,467**	**(2,133,356)**	**12,059,955**
TOTAL CURRENT YEAR GIFTS IN SUPPORT OF OPERATIONS	**298,718**	**25,452**	**5,670**	**—**	**329,840**
Net assets released from restrictions:					
Payments received on pledges	271,401	154	—	—	271,555
Prior year gifts released from donor restrictions	150,852	4,204	5,571	—	160,627
TOTAL NET ASSETS RELEASED FROM RESTRICTIONS	**422,253**	**4,358**	**5,571**	**—**	**432,182**
Investment income distributed for operations:					
Endowment	1,946,421	677	13,236	—	1,960,334
Expendable funds pools and other investment income	455,923	332	—	—	456,255
TOTAL INVESTMENT INCOME DISTRIBUTED FOR OPERATIONS	**2,402,344**	**1,009**	**13,236**	**—**	**2,416,589**
TOTAL SPECIAL PROGRAM FEES AND OTHER INCOME	**653,277**	**221,963**	**121,181**	**(21,000)**	**975,421**
TOTAL OPERATING REVENUES	**9,072,759**	**9,465,504**	**3,007,400**	**(2,154,356)**	**19,391,307**
OPERATING EXPENSES:					
Salaries and benefits	5,963,698	4,225,659	1,457,688	—	11,647,045
Depreciation	567,983	276,023	86,911	—	930,917
Other operating expenses	2,619,472	4,491,153	1,401,216	(2,154,356)	6,357,485
TOTAL OPERATING EXPENSES	**9,151,153**	**8,992,835**	**2,945,815**	**(2,154,356)**	**18,935,447**
CHANGE IN NET ASSETS FROM OPERATING ACTIVITIES	**$ (78,394)**	**$ 472,669**	**$ 61,585**	**$ —**	**$ 455,860**

CONSOLIDATING STATEMENTS OF ACTIVITIES, Continued

For the year ended August 31, 2025 (in thousands of dollars)

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
NET ASSETS WITHOUT DONOR RESTRICTIONS (continued)					
CHANGE IN NET ASSETS FROM OPERATING ACTIVITIES	**$ (78,394)**	**$ 472,669**	**$ 61,585**	**$ —**	**$ 455,860**
NON-OPERATING ACTIVITIES:					
Increase in reinvested gains	998,912	689,603	111,770	—	1,800,285
Donor advised funds, net	(86,028)	—	—	—	(86,028)
Current year gifts not included in operations	14,954	—	—	—	14,954
Equity and fund transfers, net	209,674	(129,555)	(117,707)	37,588	—
Capital and other gifts released from restrictions	187,121	15,902	15,480	—	218,503
Pension and other postemployment benefit related changes other than service cost	(1,654)	(18,393)	(7,698)	—	(27,745)
Transfer from (to) net assets with donor restrictions, net	(146,058)	—	68,876	(68,876)	(146,058)
Swap interest and change in value of swap agreements	3,300	19,653	—	—	22,953
Other	1,258	4,566	—	(4,930)	894
NET CHANGE IN NET ASSETS WITHOUT DONOR RESTRICTIONS	**1,103,085**	**1,054,445**	**132,306**	**(36,218)**	**2,253,618**
NET ASSETS WITH DONOR RESTRICTIONS					
Gifts and pledges, net	1,030,874	(838)	121,053	6,726	1,157,815
Increase in reinvested gains	1,578,826	7,424	57,856	—	1,644,106
Change in value of split-interest agreements, net	55,075	—	392	—	55,467
Net assets released to operations	(422,253)	(5,432)	(24,477)	—	(452,162)
Capital and other gifts released to net assets without donor restrictions	(187,121)	(15,902)	(15,480)	—	(218,503)
Gift transfers, net	38,657	10,667	(11,736)	(37,588)	—
Transfer from (to) net assets without donor restrictions, net	146,058	—	(68,876)	68,876	146,058
Other	(7,269)	—	—	—	(7,269)
NET CHANGE IN NET ASSETS WITH DONOR RESTRICTIONS	**2,232,847**	**(4,081)**	**58,732**	**38,014**	**2,325,512**
NET CHANGE IN TOTAL NET ASSETS	**3,335,932**	**1,050,364**	**191,038**	**1,796**	**4,579,130**
Total net assets, beginning of year	52,467,588	7,827,701	3,409,971	(162,531)	63,542,729
TOTAL NET ASSETS, END OF YEAR	**$ 55,803,520**	**$8,878,065**	**$3,601,009**	**$ (160,735)**	**$ 68,121,859**

CONSOLIDATING STATEMENTS OF ACTIVITIES

For the year ended August 31, 2024 (in thousands of dollars)

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
NET ASSETS WITHOUT DONOR RESTRICTIONS					
OPERATING REVENUES:					
TOTAL STUDENT INCOME, NET	**$ 802,484**	**$ —**	**$ —**	**$ —**	**$ 802,484**
Sponsored support:					
Direct costs - University	1,201,597	303	—	—	1,201,900
Direct costs - SLAC National Accelerator Laboratory	635,865	—	—	—	635,865
Indirect costs	369,828	—	—	—	369,828
TOTAL SPONSORED SUPPORT	**2,207,290**	**303**	**—**	**—**	**2,207,593**
Health care services:					
Net patient service revenue	—	8,681,322	2,742,174	(49,436)	11,374,060
Premium revenue	—	56,709	—	—	56,709
Physicians' services and support - SHC and LPCH, net	1,844,608	—	—	(1,844,608)	—
Physicians' services and support - other facilities, net	55,200	—	—	(10,392)	44,808
TOTAL HEALTH CARE SERVICES	**1,899,808**	**8,738,031**	**2,742,174**	**(1,904,436)**	**11,475,577**
TOTAL CURRENT YEAR GIFTS IN SUPPORT OF OPERATIONS	**259,879**	**177**	**5,312**	**—**	**265,368**
Net assets released from restrictions:					
Payments received on pledges	266,965	220	—	—	267,185
Prior year gifts released from donor restrictions	137,694	4,515	7,094	—	149,303
TOTAL NET ASSETS RELEASED FROM RESTRICTIONS	**404,659**	**4,735**	**7,094**	**—**	**416,488**
Investment income distributed for operations:					
Endowment	1,822,312	613	13,183	—	1,836,108
Expendable funds pools and other investment income	388,751	1,238	—	—	389,989
TOTAL INVESTMENT INCOME DISTRIBUTED FOR OPERATIONS	**2,211,063**	**1,851**	**13,183**	**—**	**2,226,097**
TOTAL SPECIAL PROGRAM FEES AND OTHER INCOME	**622,088**	**207,327**	**110,368**	**(19,250)**	**920,533**
TOTAL OPERATING REVENUES	**8,407,271**	**8,952,424**	**2,878,131**	**(1,923,686)**	**18,314,140**
OPERATING EXPENSES:					
Salaries and benefits	5,460,273	3,915,374	1,382,031	—	10,757,678
Depreciation	533,082	292,030	82,801	—	907,913
Other operating expenses	2,423,737	4,201,261	1,342,087	(1,923,686)	6,043,399
TOTAL OPERATING EXPENSES	**8,417,092**	**8,408,665**	**2,806,919**	**(1,923,686)**	**17,708,990**
CHANGE IN NET ASSETS FROM OPERATING ACTIVITIES	**$ (9,821)**	**$ 543,759**	**$ 71,212**	**$ —**	**$ 605,150**

CONSOLIDATING STATEMENTS OF ACTIVITIES, Continued

For the year ended August 31, 2024 (in thousands of dollars)

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
NET ASSETS WITHOUT DONOR RESTRICTIONS (continued)					
CHANGE IN NET ASSETS FROM OPERATING ACTIVITIES	**$ (9,821)**	**$ 543,759**	**$ 71,212**	**$ —**	**$ 605,150**
NON-OPERATING ACTIVITIES:					
Increase (decrease) in reinvested gains	(127,035)	562,033	90,348	—	525,346
Donor advised funds, net	(64,292)	—	—	—	(64,292)
Current year gifts not included in operations	911	—	—	—	911
Equity and fund transfers, net	191,096	(104,534)	(114,809)	28,247	—
Capital and other gifts released from restrictions	66,065	6,384	1,324	—	73,773
Pension and other postemployment benefit related changes other than service cost	(37,351)	(5,396)	(4,342)	—	(47,089)
Transfer from (to) net assets with donor restrictions, net	(69,381)	—	63,709	(63,709)	(69,381)
Swap interest and change in value of swap agreements	(1,870)	(2,898)	—	—	(4,768)
Other	(70,495)	(8,767)	4,368	73,108	(1,786)
NET CHANGE IN NET ASSETS WITHOUT DONOR RESTRICTIONS	**(122,173)**	**990,581**	**111,810**	**37,646**	**1,017,864**
NET ASSETS WITH DONOR RESTRICTIONS					
Gifts and pledges, net	958,312	7,145	73,509	14,650	1,053,616
Increase in reinvested gains	704,556	5,986	41,104	—	751,646
Change in value of split-interest agreements, net	57,670	—	2,869	—	60,539
Net assets released to operations	(404,659)	(6,763)	(25,589)	—	(437,011)
Capital and other gifts released to net assets without donor restrictions	(66,065)	(6,384)	(1,324)	—	(73,773)
Gift transfers, net	37,681	301	(9,735)	(28,247)	—
Transfer from (to) net assets without donor restrictions, net	69,381	—	(63,709)	63,709	69,381
Other	(5,419)	—	—	—	(5,419)
NET CHANGE IN NET ASSETS WITH DONOR RESTRICTIONS	**1,351,457**	**285**	**17,125**	**50,112**	**1,418,979**
NET CHANGE IN TOTAL NET ASSETS	**1,229,284**	**990,866**	**128,935**	**87,758**	**2,436,843**
Total net assets, beginning of year	51,238,304	6,836,835	3,281,036	(250,289)	61,105,886
TOTAL NET ASSETS, END OF YEAR	**$ 52,467,588**	**$7,827,701**	**$3,409,971**	**$ (162,531)**	**$ 63,542,729**

CONSOLIDATING STATEMENTS OF CASH FLOWS

For the year ended August 31, 2025 (in thousands of dollars)

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
CASH FLOW FROM OPERATING ACTIVITIES					
Change in net assets	$ 3,335,932	$ 1,050,364	$ 191,038	$ 1,796	$ 4,579,130
Adjustments to reconcile change in net assets to net cash provided by (used for) operating activities:					
Depreciation	567,983	278,780	86,911	—	933,674
Amortization of bond premiums, discounts and other	25,591	(10,872)	(4,657)	—	10,062
Accretion of discounts on bond investments	(63,072)	—	—	—	(63,072)
Net gains on investments	(5,305,259)	(570,261)	(111,728)	(119,997)	(6,107,245)
Change in fair value of interest rate swaps	(3,795)	(22,351)	—	—	(26,146)
Change in split-interest agreements	61,466	—	(94)	—	61,372
Change in deferred tax asset and liability	912,612	—	—	—	912,612
Gifts restricted for long-term investments	(653,969)	(10,928)	(72,257)	—	(737,154)
Equity and fund transfers, net	(248,330)	118,887	60,567	68,876	—
Gifts of securities, properties, and interest in trusts	(19,560)	—	—	—	(19,560)
Other	48,977	(1,583)	564	—	47,958
Premiums received from bond issuance	47,673	41,218	—	—	88,891
Changes in operating assets and liabilities:					
Accounts receivable	(11,902)	(185,534)	(20,641)	—	(218,077)
Related party receivables	(153,770)	8,330	25,443	119,997	—
Pledges receivable, net	59,588	6,991	4,206	(6,726)	64,059
Prepaid expenses and other assets	(3,358)	(68,058)	(48,983)	—	(120,399)
Accounts payable and accrued expenses	90,384	89,319	50,024	—	229,727
Accrued pension and postretirement benefit obligations	7,960	17,456	6,477	—	31,893
Lease liabilities	(31,277)	2,636	(119)	—	(28,760)
Deferred income and other obligations	135,977	69,389	43,329	—	248,695
NET CASH PROVIDED BY (USED FOR) OPERATING ACTIVITIES	**(1,200,149)**	**813,783**	**210,080**	**63,946**	**(112,340)**
CASH FLOW FROM INVESTING ACTIVITIES					
Additions to plant facilities, net	(692,690)	(489,076)	(117,682)	—	(1,299,448)
Faculty, student and other loans: new loans made	(206,291)	(42,903)	(23,627)	78,172	(194,649)
Faculty, student and other loans: principal collected	68,438	11,218	4,630	(17,946)	66,340
Purchases of investments	(18,003,495)	(1,621,810)	(21,445)	4,558	(19,642,192)
Sales and maturities of investments	19,398,230	1,181,096	20,924	—	20,600,250
Change associated with short term investments	161,259	—	—	—	161,259
Swap settlement payments, net	—	(2,697)	—	—	(2,697)
NET CASH PROVIDED BY (USED FOR) INVESTING ACTIVITIES	**725,451**	**(964,172)**	**(137,200)**	**64,784**	**(311,137)**
CASH FLOW FROM FINANCING ACTIVITIES					
Gifts and reinvested income for long-term purposes	563,870	10,678	44,598	—	619,146
Equity and fund transfers from Hospitals	267,888	(138,445)	(60,567)	(68,876)	—
Proceeds from related party housing loans	78,172	—	—	(78,172)	—
Repayments to related party housing loans	(17,946)	—	—	17,946	—
Proceeds from borrowing	1,390,683	416,120	—	—	1,806,803
Repayment of notes and bonds payable	(681,675)	(175,389)	(9,605)	—	(866,669)
Contributions received for split-interest agreements	40,474	—	—	—	40,474
Payments made under split-interest agreements	(57,151)	—	(762)	—	(57,913)
Commercial paper and variable rate debt proceeds (repayments), net	18,400	—	—	—	18,400
Other	(11,895)	(2,728)	—	—	(14,623)
NET CASH PROVIDED BY (USED FOR) FINANCING ACTIVITIES	**1,590,820**	**110,236**	**(26,336)**	**(129,102)**	**1,545,618**
INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	**1,116,122**	**(40,153)**	**46,544**	**(372)**	**1,122,141**
Cash and cash equivalents, beginning of year	1,030,850	446,748	420,039	(8,169)	1,889,468
CASH AND CASH EQUIVALENTS, END OF YEAR	**$ 2,146,972**	**$ 406,595**	**$ 466,583**	**$ (8,541)**	**$ 3,011,609**
SUPPLEMENTAL DATA:					
Cash and cash equivalents as shown in the *Statements of Financial Position*	$ 1,846,394	$ 406,595	$ 439,748	$ (8,541)	$ 2,684,196
Restricted cash included in assets limited as to use	215,984	—	17,028	—	233,012
Restricted cash included in other assets	5,301	—	9,807	—	15,108
Cash and restricted cash included in investments	79,293	—	—	—	79,293
TOTAL CASH AND CASH EQUIVALENTS AS SHOWN ON THE STATEMENTS OF CASH FLOWS	**$ 2,146,972**	**$ 406,595**	**$ 466,583**	**$ (8,541)**	**$ 3,011,609**
Interest paid, net of capitalized interest	$ 209,530	$ 93,523	$ 33,568	$ —	$ 336,621
Change in payables for plant facilities	$ (19,010)	$ 26,622	$ 967	$ —	$ 8,579
Right-of-use assets obtained in exchange for lease liabilities	$ 115,221	$ 33,870	$ 29,933	$ —	$ 179,024

CONSOLIDATING STATEMENTS OF CASH FLOWS

For the year ended August 31, 2024 (in thousands of dollars)

	UNIVERSITY	SHC	LPCH	ELIMINATIONS	CONSOLIDATED
CASH FLOW FROM OPERATING ACTIVITIES					
Change in net assets	$ 1,229,284	$ 990,866	$ 128,935	$ 87,758	$ 2,436,843
Adjustments to reconcile change in net assets to net cash provided by (used for) operating activities:					
Depreciation	533,082	294,687	82,801	—	910,570
Amortization of bond premiums, discounts and other	25,772	(11,199)	(2,485)	—	12,088
Accretion of discounts on bond investments	(89,050)	—	—	—	(89,050)
Net gains on investments	(2,300,614)	(413,605)	(58,537)	—	(2,772,756)
Change in fair value of interest rate swaps	1,842	2,072	—	—	3,914
Change in split-interest agreements	71,620	—	(4,888)	—	66,732
Change in deferred tax asset and liability	16,336	—	—	—	16,336
Gifts restricted for long-term investments	(559,383)	(10,612)	(31,167)	—	(601,162)
Equity and fund transfers, net	(228,777)	104,230	60,838	63,709	—
Gifts of securities, properties, and interest in trusts	(45,850)	—	—	—	(45,850)
Other	(3,686)	7,760	(3,629)	—	445
Premiums received from bond issuance	—	39,460	—	—	39,460
Changes in operating assets and liabilities:					
Accounts receivable	(78,644)	(171,515)	(81,801)	—	(331,960)
Related party receivables	(64,913)	31,863	33,050	—	—
Pledges receivable, net	31,971	9,426	(10,124)	(14,650)	16,623
Prepaid expenses and other assets	(8,996)	(30,282)	(12,035)	—	(51,313)
Accounts payable and accrued expenses	97,351	61,751	37,861	—	196,963
Accrued pension and postretirement benefit obligations	42,483	1,078	2,262	—	45,823
Lease liabilities	(28,939)	3,080	1,233	—	(24,626)
Deferred income and other obligations	64,377	(25,837)	(14,046)	—	24,494
NET CASH PROVIDED BY (USED FOR) OPERATING ACTIVITIES	**(1,294,734)**	**883,223**	**128,268**	**136,817**	**(146,426)**
CASH FLOW FROM INVESTING ACTIVITIES					
Additions to plant facilities, net	(674,190)	(499,213)	(150,051)	—	(1,323,454)
Faculty, student and other loans: new loans made	(185,990)	(49,226)	(17,410)	66,996	(185,630)
Faculty, student and other loans: principal collected	84,645	8,858	6,275	(15,502)	84,276
Purchases of investments	(17,491,794)	(1,257,431)	(31,182)	(73,533)	(18,853,940)
Sales and maturities of investments	18,563,131	573,351	24,104	—	19,160,586
Change associated with short term investments	63,854	—	—	—	63,854
Swap settlement payments, net	—	(776)	—	—	(776)
NET CASH PROVIDED BY (USED FOR) INVESTING ACTIVITIES	**359,656**	**(1,224,437)**	**(168,264)**	**(22,039)**	**(1,055,084)**
CASH FLOW FROM FINANCING ACTIVITIES					
Gifts and reinvested income for long-term purposes	622,705	11,663	56,526	—	690,894
Equity and fund transfers from Hospitals	204,659	(80,112)	(60,838)	(63,709)	—
Proceeds from related party housing loans	66,996	—	—	(66,996)	—
Repayments to related party housing loans	(15,502)	—	—	15,502	—
Proceeds from borrowing	1,081,979	260,545	201,086	—	1,543,610
Repayment of notes and bonds payable	(997,272)	(13,475)	(209,570)	—	(1,220,317)
Contributions received for split-interest agreements	19,657	—	—	—	19,657
Payments made under split-interest agreements	(54,982)	—	(715)	—	(55,697)
Commercial paper and variable rate debt proceeds (repayments), net	(22,505)	—	—	—	(22,505)
Other	(8,371)	(2,251)	(1,257)	—	(11,879)
NET CASH PROVIDED BY (USED FOR) FINANCING ACTIVITIES	**897,364**	**176,370**	**(14,768)**	**(115,203)**	**943,763**
DECREASE IN CASH AND CASH EQUIVALENTS	**(37,714)**	**(164,844)**	**(54,764)**	**(425)**	**(257,747)**
Cash and cash equivalents, beginning of year	1,068,564	611,592	474,803	(7,744)	2,147,215
CASH AND CASH EQUIVALENTS, END OF YEAR	**$ 1,030,850**	**$ 446,748**	**$ 420,039**	**$ (8,169)**	**$ 1,889,468**
SUPPLEMENTAL DATA:					
Cash and cash equivalents as shown in the *Statements of Financial Position*	$ 886,227	$ 446,748	$ 402,185	$ (8,169)	$ 1,726,991
Restricted cash and cash equivalents included in assets limited as to use	53,311	—	8,292	—	61,603
Restricted cash included in other assets	6,111	—	9,562	—	15,673
Cash and restricted cash included in investments	85,201	—	—	—	85,201
TOTAL CASH AND CASH EQUIVALENTS AS SHOWN ON THE STATEMENTS OF CASH FLOWS	**$ 1,030,850**	**$ 446,748**	**$ 420,039**	**$ (8,169)**	**$ 1,889,468**
Interest paid, net of capitalized interest	$ 199,054	$ 90,398	$ 33,740	$ —	$ 323,192
Change in payables for plant facilities	$ (5,198)	$ (59,849)	$ 5,183	$ —	$ (59,864)
Right-of-use assets obtained in exchange for lease liabilities	$ 11,809	$ 138,450	$ 19,513	$ —	$ 169,772

Schedule of Expenditures of Federal Awards Part A, Award Expenditures by Federal Program

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
Research and Development Cluster				**$1,032,521,362**	
Department of Agriculture				**$503,118**	
10.001	Title: Investigating Risk Factors of Rift Valley Fever Virus Direct Transmission in Kenya			$880	
10.025	Differential Phase Contrast X-ray Imaging for Automated Detection of Pests in Plants using Artificial Intelligence			$170,075	
10.167	A Comparative Analysis of the Performance of Benchmark Price Regulation for Agricultural Commodities			$14,477	
10.310	DSFAS: Stakeholder-engaged modeling, data science, and machine learning for more resilient and sustainable animal protein food systems	Colorado State University	G-40584-01	$12,134	
10.310	Gut microbiota processing of dietary small molecules and impact on host biology			-$3,975	
10.310	Increasing Accessibility to Aquaculture Technologies for Maine Youth	University of Maine	UMS2219	$48,722	
10.310	Social Dimensions And Institutional Effectiveness Of Collaborative Stewardship With Native Nations Of A Forest Agroecosystem In California			$64,811	
10.310	Sustainability of Groundwater and Irrigated Agriculture in the Western United States under a Changing Climate	University of California Davis	A22-1253-S003/UCDPO00156512	$81,837	
10.604	Preserving Sulfuryl Fluoride for Durable Exports to the European Union	California Prune Board	PN 23-24	$114,157	
Department of Commerce				**$350,293**	
11.012	CeNCOOS_Building Coastal and Climate Resilience & Improving Equitable Service Delivery in the Central and Northern California Ocean Observing System (CeNCOOS CCR)	Monterey Bay Aquarium Research Institute	PO: 2520209	$44,741	
11.405	BIL: Integrating social and meteorological data to assess the dynamics of flood hazards and impacts: An interdisciplinary approach leveraging AI, risk communication, and data sciences	University Of Oklahoma	2024-47	$26,460	
11.417	Using Traditional Ecological Knowledge to advance equity in Collaborative management across the ocean and coastal marine ecosystems	University of Southern California	SCON-00006823	$59,546	$52,221
11.431	Increasing the actionability of co-produced decision-support tools (DSTs) in support of climate adaptation			$89,547	$31,567
11.472	Emergent satellite technology-Block NOAA			$29,830	$16,467
11.472	Using electronic tags and genomics to model mixing rates and natural mortality and climate impacts on Atlantic Bluefin Tuna	Ocean Foundation	344779	$77,508	
11.473	Kelp Forest Restoration to enhance Coastal Resilience and Increase Carbon Sequestration	Greater Farallones Association	NA22NOS4730208; COR1016087	$22,661	
Department of Defense				**$87,021,606**	
12.431	DURIP: Creating a spin-1/2 quantum spin glass through Rydberg-dressed multimode cavity QED			$143,252	
12.300	A Collaborative System for Source Aggregation, Creation, and Dissemination			$180,855	
12.300	A CyberOctopus that Learns, Evolves, and Adapts	University of Illinois at Urbana Champaign	095643-17469	-$42,888	
12.300	Achieving Thermal Management in IMPATT and CAVETs for RF			$108,683	
12.300	Advancing Underwater Sound Synthesis Techniques for Ocean Acoustics			$137,565	
12.300	AI Nets: Predicting Actions and Inferring Intentions of Groups of Targets with a Network of Surveillance Robots			$8,894	$8,894
12.300	Analysis and Design of Optical-Acoustic Techniques to Approach Fundamental Limits of Detection across Dynamic Air-Water Interfaces			$425,969	
12.300	Application of Macroscopic Forcing Method in quantification of Eddy Diffusivity fields in Subsurface and Near-surface Turbulent Wakes			$66,165	
12.300	Beyond Right and Wrong: Validity, Confidence, and Tradeoffs in the Modern Machine Learning Lifecycle			$191,820	
12.300	Center for Turbulence Research 2023			$1,597,505	
12.300	Collaborative Proposal: Feasible, Model-Free Distributionally Robust Policy Learning			$101,564	
12.300	Combining High Energy Density and Supply-Resilience: Advancing Sodium Metal Batteries for Naval Defense Applications			$101,059	
12.300	Combustion of Solid Fuels in High Enthalpy Flow	Virginia Polytechnic Institute & State University	450955-19751	$229,856	
12.300	Competing energy cascades associated with seasonally-varying submesocale turbulence in the North Pacific Subtropical Countercurrent			$87,952	
12.300	Complex Experiments for a Complex World			$182,577	
12.300	Compositional Scene Understanding with Self-Supervised Object-Centric Dorso-Ventral Neural Networks	University of California Berkeley	00010802 / PO BB01667138	$444,276	
12.300	Coupled Photonic and Electronic Nonlinearities in Excitonic Quantum Materials			$162,984	
12.300	Data-Driven Input-Output Models for Reacting, High-Enthalpy Flows			$343,156	
12.300	Deep Learning for Computational Physics and Game Theory			$51,022	
12.300	Deep Signal Processing for Machine Learning Models			$158,695	
12.300	Designing Resilient Microgrids: An Energy-Storage Centric Approach			$92,388	
12.300	Determination of a RANS Model Form for Incompressible Wall-bounded Turbulent Flows using the Macroscopic Forcing Method and Validation on a Prolate Sphere			$25,774	
12.300	Developing next generation AI vision systems by characterizing and exploiting untapped primate visual processing circuit motifs	Massachusetts Institute of Technology	S5122/PO#496218	-$56,077	
12.300	Development of Advanced 3D-printing Structures for New Capabilities in Head Protection			$25,173	
12.300	Development of GaN and AlGaN growth platform for achieving 3.3-20kV power devices			$128,338	
12.300	Development of Validated Hypersonic Plasma Kinetics Models Including Atomic Excitation	University of Colorado, Boulder	1563127/PO 1001800582	$342,142	
12.300	Diffusion and Learning Models			$76,166	
12.300	Discovering and Modeling Turbulence and Chemistry Interactions in High Speed Reactive Flows	University of Michigan	SUBK00014012 / PO 3006515445	$223,300	
12.300	Dissecting the Neural Circuit Basis for Volition: A New Framework for Brain-Machine Interfaces, Artificial Neural Networks, Robotics, and Shaping of Intentional and Habitual Actions.			$641,862	
12.300	Emergent light-matter interactions through twisted atomic and photonic crystals	Vanderbilt University	OSA00000256/PO P24005110	$489,104	
12.300	Enabling Intelligent, Robust Light-Weight Structural Batteries for eVTOL/UAM			$199,041	
12.300	Engineering and design to enhance heart rate detection in cetacean-borne tags			$381,385	$228,964
12.300	Establishing Gordian Knot Center at Stanford University			$1,697,067	
12.300	Evaluating, Predicting, Optimizing, and Monitoring Interventions in Large Networked Systems	Massachusetts Institute of Technology	S6537/ PO # 1169729	$201,802	
12.300	Examining Solar Flux Emergence to Search for Signatures of the Undular Instability and Interactions with Convection			$63,856	
12.300	Extraordinary Electronic Switching of Thermal Transport	University of Texas at Austin	UTA21-000335	$245,025	
12.300	Factual and Value-aligned Language Models			$53,389	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
12.300	Fast Re-routing Using Machine Learning			$75,619	
12.300	Foundational Science for Robust Bipolar-Membrane Electrolyzers for O2 Generation from Seawater at High Rate and Efficiency	University of Oregon	225330A	$2,895	
12.300	Foundations of Robust Neural Networks			$121,488	
12.300	Frugal, Lifelong-Learning Control Systems with Execution Guarantees	University of California Berkeley	BB01666795/N00014-22-1-2121	$148,009	
12.300	Fundamental studies and applications of spin-orbit interactions of light	Boston University	4500003519	-$9,616	
12.300	Fundamentals of Machine Learning for Phase Change Heat Transfer	University of California Irvine	2024-2258	$161,495	
12.300	Grounding Vision-Language Interactions in World Models by Integrating Large Neural Models with Probabilistic Programs	Massachusetts Institute of Technology	s6119 // PO 951887	$173,672	
12.300	Harnessing Human Intelligence for Adaptive Human-Robot Collaboration			$338,465	
12.300	High-fidelity numerical simulation to understand the physics of surface/internal gravity wave interactions			$2,321	
12.300	High-resolution internal solitary wave simulations of shoaling and sand dune formation			$243,404	
12.300	Holistic Scene Understanding Through Neuro-Symbolic Visual Representation Learning			$248,624	
12.300	HPROM-Based Integrated Flight and Aeroelastic Control Technology (IFACT) for Carrier Landing			$386,893	
12.300	Hybrid Quantum Technology Using Solid-State Spin Centers			-$403	
12.300	Hypersonic Aerothermodynamics, High-Speed Propulsion and Materials			$14,130	
12.300	HYPERVIPER: Broadband Hyperspectral Imaging System			$1	
12.300	Identification and Deterministic Synthesis of Quantum Information Defects (ID-SQUID)			$161,982	
12.300	Identifying and Predicting Inflection Points in Human-Agent Teams Using Relational Event Modeling	Cornell University	146585-22139	$51,600	
12.300	Identity Signals for Enabling Participatory Governance			$35,622	$16,972
12.300	Improving Neural Networks with (and for) Computational Physics			$2,056	
12.300	Inertial Sensors Using Optically Levitated Microscopic Objects	Yale University	CON-80004489 (GR120639)	$80,001	
12.300	Intentional multi-modal self-learning to perceive and understand the real world	Massachusetts Institute of Technology	S5847 PO #830483	$475,295	
12.300	Interpretable End-to-End Streaming Inference in Multi-Agent Environments			$159,322	
12.300	Lagrangian evolution of bottom boundary-generated potential vorticity anomalies and their controls on submesoscale flows and mixing in the interior			$64,898	
12.300	Learning, Leveraging, and Influencing Representations for Interactive Autonomy			$94,345	
12.300	Leveraging Foundational Models for Reliable Discovery and Inference			$166,821	
12.300	Mechanically robust polymer encapsulation material for polymer electronics			$308,481	
12.300	Mechanism Based Jet Noise Mitigation Using Computations, Modeling and Experiments			$200,280	
12.300	Millimeter-Wave Cavity-QED for Scalable Quantum Gates with Rydberg Atoms			-$32	
12.300	Million FPS, 100 100 pixel Optical Modulators & Detectors for Fast Atom Array Quantum Computing			$451,310	
12.300	Multiphase Detonation of Liquid Aeropropulsion Fuels			$1,401,524	$1,145,200
12.300	Nacre-Like Energetic Polymer Composites with 2D Metallic Nanosheets			$384,467	
12.300	Nano Ceramic Additive Manufacturing of IR Sensor Domes			$10,525	
12.300	Navigating the Space of Chemical Reactions From First Principles			$230,638	
12.300	Next-generation AI Vision SoCs for Spatially Aware Autonomous Naval Systems			$49,318	
12.300	N-Polar GaN CAVETs for higher power densities at mm-wave operations			$185,158	
12.300	Optimal Targeting in Dynamic Systems			$126,950	
12.300	Overcoming Unexpected Failures using Neurocognitive Multi-abstraction Active Exploration	Carnegie Mellon University	1141386, 493027, 498963	$315,665	
12.300	Physics-Based Machine Learning Modeling for Platform Design, Acquisition, and Operation			$530,033	
12.300	Programming functions within microbial consortia			$1,048,632	
12.300	Quantum Information Phases in Space-Time			$206,247	
12.300	Randomized Numerical Linear Algebra for Optimization			$107,330	
12.300	Refraction and Reflection of Nonlinear Internal Waves from Steep Topography			$173,320	
12.300	Robot Learning from Internet-Scale Data			$198,735	
12.300	Robust bipolar-membrane electrolyzers for high-purity compressed H2 generation from unpurified water	University of California Berkeley	00011859, PO #BB01902372	$147,434	
12.300	Scalable generation and control of large quantum states of light and matter in engineered semiconductor materials			$565,425	
12.300	SEA Nets: Safe and Explainable Autonomous Networks of Distributed Learning Agents			$345,365	$120,924
12.300	Sensing quantum vacuum fluctuations from correlated materials			$469	
12.300	Spectrally-Resolved Laser Diagnostics for High-Enthalpy Flow Measurements			$293,779	
12.300	Surface breakdown and plasma formation in cross-field high power microwave sources			-$2,027	
12.300	Temperature and Compositional Measurements in Model Solid Fuel Ramjet Inlet and Exhaust Flows			$300,759	
12.300	Transitioning Research into Department of Navy Capabilities through ONR NEPTUNE, NURP, and Undersea Power			$1,017,892	
12.300	Ultra-low defect-density GaN HEMTs with Superjunction-Drain for enhanced radiation tolerance			$64,542	
12.300	Uncertainty quantification in high dimension: Sampling and noisy debiasing			$52,697	
12.300	Uncertainty-aware Learning with Generative Models			$147,780	
12.300	Understanding & Controlling Oxygen Release in Anionic Redox Cathodes			$179,543	
12.300	Vacuum Ultraviolet Instrumentation and Pathlength Amplification for Shock Tube Plasma Kinetics Experiments in Hypersonic Air			$334,381	
12.300	Vannevar Bush Faculty Fellowship (VBFF)			$343,640	
12.300	W-Band GaN IMPATT Devices	QuinStar Technology, Inc.	PO 107228	$206,993	
12.300	YIP Optimizing Collaborative and Trustworthy Interaction between Humans and AI Agents			$187,049	
12.330	Enhancing STEM educational experience in marine science and technology with a novel at-sea program			$208,955	$206,647
12.351	A basic research pipeline for discovery and early preclinical development of host-targeted antiviral strategies to combat encephalitic alphaviruses			$189,884	$6,309
12.351	An integrated multi-scale camouflaging platform for cloaking immunogenicity and evading non-specific clearance of therapeutic proteins	Cornell University	90425-22688	$94,994	
12.351	Defining toxin recognition and computational anti-toxin design principles	University of California San Francisco	15006sc	$207,406	
12.351	Development of biologic countermeasures for saxitoxin (STX) poisoning	University of California San Francisco	12761sc	$122,398	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
12.351	DTRA/NW-Machine learning-guided design of modular, protein-based medical countermeasures	Northwestern University	60060420 SU	$66,901	
12.351	High-resolution characterization of saxitoxin (STX) recognition	University of California San Francisco	11791sc	-$40,638	
12.420	"Protection and Recovery from Burn-Associated Inhalation Injury Through Pharmacologic Manipulation of an Endogenous Airway Regenerative Pathway"			$817,750	
12.420	A Biomimetic Tip-Growing, Self-Deploying Intubation Device for Safer, More Effective Airway Management in Austere, Far-Forward Environments	University of California Santa Barbara	KK2430	$144,747	
12.420	A HyTEC Implantable Device That Enables Personalized, Sustained Release of Bioagent for Large Bone Defect Reconstruction and Limb Salvage			$853,378	$135,083
12.420	A Phase IIB, randomized, placebo-controlled, multicenter study of the comparative efficacy and safety of transendocardial injection of allogeneic mesenchymal stem cells versus placebo in patients with non-ischemic dilated cardiomyopathy (DC	University of Miami	OS00000030/PO#SPC-004666	$61,908	
12.420	Abnormal Dynamic Visual Function and Associated Symptomatology in Mild Traumatic Brain Injury			$133,841	
12.420	Advancing Cure Rates for Infantile Acute Lymphoblastic Leukemia			$155,756	
12.420	An integrated micro-basophil activation test for accurate, safe, and accessible food allergy diagnostics			$889,518	
12.420	An Integrative Radiogenomic Framework for Predicting Treatment Failure in Children, Adolescents, and Young Adults with Hodgkin Lymphoma			$743,311	
12.420	Analyzing EBV Genomes and Epigenomes and EBVDependent B Cell Proteomes to Identify Fundamental Viral Triggers of MS			$266,242	
12.420	Androgen Deprivation Therapy-Mediated Cardiovascular Disease and Vascular Aging in Men with Prostate Cancer: Racial Difference and Role of NAD	Augusta University	38656-2	$10,028	
12.420	Application of Electrical Current for Promoting Lymphatic Regeneration	Palo Alto Veterans Institute for Research	HUN0023-01	$38,302	
12.420	Basis for visual impairment in multiple sclerosis: beyond retinal ganglion cells			$27,470	
12.420	Biomarker driven targeted therapy for late-recurring ER-positive breast cancer			$1,188,775	-$321,070
12.420	Biomarker driven targeted therapy for late-recurring ER-positive breast cancer.			$187,727	
12.420	Central lateral thalamic circuitry abnormalities in traumatic brain injury and Alzheimer's disease			$83,102	
12.420	Combination nitazoxanide and auranofin treatment for anaplastic thyroid cancer			$249,246	
12.420	Combining Radiotherapy and CD47 Blockade to Induce Macrophage-Mediated Abscopal Effects Against Lung Cancer			$48,874	
12.420	Convergent Science Center Consortium (CSCC) Development Award	University of Southern California	SCON-00005687	$417,508	
12.420	Covid-19: NAK Inhibitors for Combating Dengue, Ebola, COVID-19, and Other Emerging Viral Infections			$243,723	$20,845
12.420	Covid-19: Repurposing of Pan-ErbB Inhibitors to Protect from Coronaviral Infection, Inflammation and Lung Injury			$543,058	$278,145
12.420	Detecting Cartilage Surface Degeneration using Photon Counting CT and Solute Transport Modeling			$699,595	
12.420	Determining the Predictive Value, Functional Role, and Mechanisms of Action of NUSAP1 in Clear Cell Renal Cell Carcinoma			$89,844	
12.420	Development of novel cardiac myocyte-specific AAV capsids			$17,528	
12.420	Development of PROM, Validation of Clinical Outcome Measures, Natural History, and Intervention for Mild Traumatic Brain Injury-Related Vision Disorders	Drexel University	940041-STANFORD	$77,638	
12.420	Development of targeted therapies in vascularized composite allotransplantation using spatial and single cell multiplexed platforms			$128,516	
12.420	Early Detection of Kidney Cancer Using Tumor Educated Platelets			$238,061	
12.420	Early Detection of Kidney Cancer Using Urinary Cell-Free RNA			$15,522	
12.420	Elucidating early events in HGSC pathogenesis: A single cell multi-omics approach to robustly trace cell lineage, clonality and phenotypes of TP53-mutated cells			$101,126	
12.420	Engaging motor cortex antinociceptive circuits to treat chronic pain unpleasantness	University of North Carolina at Chapel Hill	5129053	$278,562	
12.420	Engineering cytotoxic lymphocytes to infiltrate ovarian cancer tumors via metabolite-sensing receptors			$200,294	
12.420	Epigenome editing for targeted reactivation of tumoral FOXP3 to treat breast cancers	University of Alabama at Birmingham	000538140-SC001	$91,767	
12.420	Evaluating Evidence-Based Options for Initial PTSD Treatment Non-Responders	Rush University Medical Center	23091403-Sub03	$13,033	
12.420	Evaluation of Clinical Responders with Advanced TripleNegative Breast Cancer from KEYNOTE-890 to Validate a Published CXCR3 Gene Signature			$378,403	
12.420	Evaluation of Electrical Stimulation during Nerve Transfer Surgery for Cervical Spinal Cord Injury			$293,554	
12.420	Exploring the role of Manganese and Mn-dependent Metabolic Pathways in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome.			$482,866	
12.420	Flexible AI-powered smart bandage for detecting and treating infection	University of Arizona	735899	$156,918	
12.420	Focus Ultrasound-Induced Peripheral Nerve Blockade to Reduce Acute Pain, Opioid Use, and the Risk of Chronic Pain			$39,892	
12.420	Foundational studies to understand phenotypic, region-specific, and cell-specific dysregulation in the myotonic dystrophy central nervous system			$233,905	
12.420	High-throughput in vivo lung cancer pharmacogenomics			$8,322	
12.420	Identification and Therapeutic Targeting of a Novel Cell Population in Rejection of Vascularized Composite Allotransplantation			$43,409	
12.420	Identification, Characterization, and Correction of a Defect in Treg Function in SLE			$58,337	
12.420	Identify Molecular Predictors of Risk to Objectively Validate Evolution of DCIS (IMPROVE DCIS)			$972,116	$140,816
12.420	Imaging and Exosomal Genomics as An Early Identifier of Lung Cancer			$46,021	$36,442
12.420	Imaging and Exosomal Genomics as An Early Identifier of Lung Cancer.			$101,514	
12.420	Imaging Pain: Identification of Painful Schwannomas Using a Sigma-1 Receptor Radioligand and PET/MRI			$128,305	
12.420	Implementing a Spatial and Single-Cell Multiplexed Platform for Developed of Targeted Therapies for Vascularized Composite Allotransplantation			$115,222	
12.420	Integrated immunophenotypic, transcriptomic, and epigenomic characterization of uterine mesenchymalneoplasms with expert pathologist panel review			$314,887	
12.420	Isolation and Engineering of Potent Anti-EBV Neutralizing Antibodies for the Treatment of MS			$26,969	
12.420	Local and Systemic Analysis of Immune Responses in Pancreatitis Patients			$162,121	$11,836
12.420	Mechanisms and Treatment Development for Pancreatitis Resulting from Alcohol Abuse and Smoking	Cedars-Sinai Medical Center	0001621388	-$3,362	
12.420	Miniature Intracochlear Imaging Probe Based on Micro Optical Coherence Tomography for Cellular-Level Diagnosis and Therapy of Hearing Loss			$104,864	$19,232
12.420	Molecular and cellular mechanisms of spinal cord homeostatic plasticity underlying neuropathic pain			$297,960	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
12.420	Multicenter Randomized Trial of Everolimus in Pediatric Heart Transplantation - CCC	Boston Children's Hospital	GENFD0002457906	$82,124	
12.420	Nerve to heal: Optimization of tendon health using nerve-specific small molecules	Johns Hopkins University	2006848875	$18,952	
12.420	Normothermic Machine Perfusion to Enhance Retinal Preservation of Whole Eye Allografts to Treat Absolute Blindness	Functional Circulation, LLC	FCA110124	$188,988	
12.420	Novel Biomarkers to Direct Stereotactic Ablative Radiotherapy in Castration-Sensitive Oligometastatic Prostate Cancer	University of Maryland, Baltimore	20937 PO #10000014916	$321,742	
12.420	Novel Statistical Methods to Integrate High Dimensional Current and Emerging Clinical Markers in the Evaluation of Treatment Efficacy for ALS Clinical Trials			$351,136	
12.420	Novel Strategies to Combat Post-Traumatic Osteoarthritis (PTOA)			$268,902	$189,095
12.420	Optimizing a Novel Intraductal Delivery of Calcineurin Inhibitors as a Radiocontrast Infusion Formulation to Prevent Post-ERCP Pancreatitis			$602,556	
12.420	Optimizing Individualized Colorectal Cancer Treatment and Prognostic Prediction via Causal Machine Learning	Harvard Medical School	151934.5126008.0004	$14,870	
12.420	Photovoltaic Substitute for the Lost Photoreceptors in Retinal Injury or Degeneration			$379,026	
12.420	Prospective, Randomized, Placebo-Controlled Phase II Trial of Aspirin for Vestibular Schwannomas	Massachusetts Eye and Ear Infirmary	16-0231 / 2300179	-$53	
12.420	Randomized Controlled Trial of Telehealth-Enabled Versus In-Person Parent-Mediated Behavioral Treatment for Challenging Behaviors in Autism Spectrum Disorder			$630,459	$254,724
12.420	Relating the interplay of tumor function and host response to clinical outcome in triple negative breast cancer			$554,435	
12.420	Revealing and targeting lipidomic vulnerabilities to treat early-stage melanoma			$123,716	
12.420	Revealing the potential for mSWI/SNF as biomarkers in breast cancers			$356,354	
12.420	RGC Transplantation as a Treatment for TBI-Related Optic Nerve Injury	Johns Hopkins University	2006240841	$179,169	
12.420	Simvastanin Treatment to Improve the Patient-Reported Outcomes in Patients with Chronic Pancreatitis	Cedars-Sinai Medical Center	CSPO433854	$275,210	
12.420	Simvastatin Treatment to Improve Patient-Reported Outcomes in Patients with Chronic Pancreatitis	Cedars-Sinai Medical Center	CSPO429935	$95,189	
12.420	Targeting Circadian Control of Oligodendrocyte Lineage Cell Dynamics for Remyelination			$43,910	
12.420	Targeting RSK for Treatment of Pediatric Acute Myeloid Leukemia			$181,698	
12.420	Targeting the Plasmodium Proteasome for Prophylaxis and Treatment of Drug-Resistant Malaria in U.S. Military Personnel			$142,102	$112,555
12.420	Targeting Unusual Nutrient Acquisition Routes of Nutrient-Deprived Cancers			$202,401	
12.420	The REgenerative Medicine for EB and related DIseases at Stanford (REMEDIS) Center			$2,319,978	
12.420	Tracking sarcoma response and resistance to radiation therapy			$104,197	
12.420	Treatment Options for Metastatic Osteosarcoma	Dana-Farber Cancer Institute	3092501	$149,207	
12.420	Uncovering Synthetically Lethal Genes in the Presence of Protein Folding Stress in Lung Cancer In Vivo			$34,076	
12.420	Understanding How Vascular Endothelial Cells Regulate Fibroblast Functions in Pancreatitis			$26,834	
12.431	3D Object and Scene Variation Synthesis for Learning Algorithms (Topic:k.Artificial Intelligence and Machine Learning)			$218,649	
12.431	A Soft Bioelectronic Platform			$304,667	
12.431	ARMY/DURIP-High-throughput Bioreactor Systems to Accelerate Synthetic Biology Material Production Workflows			$408,803	
12.431	Associative memory using glassy confocal cavity QED			$174,426	
12.431	Bayesian Reinforcement Learning for Coherent Generative Artificial Intelligence			$45,032	
12.431	Beyond the Diffraction Limit: Nanofabrication Enabled by Photon Avalanche Upconversion			$166,095	
12.431	Cavity Tweezer Arrays for Quantum Networking			$230,576	
12.431	Characterizing and Mitigating Phononic and Photonic Poisoning in Solid-State Qubits	Syracuse University	33116-06386-S02	$351,179	
12.431	CHARMME: Center for Harnessing Microbiota from Military Environments	Massachusetts Institute of Technology	s6005, PO #932546	$91,079	
12.431	Collaborative Agreement: Collaborative for Hierarchical and Agile Resonant Materials (CHARM)	University of California Berkeley	00011223 // PO BB01662340	$60	
12.431	Collaborative for Hierarchical and Agile Resonant Materials (CHARM)	Rice University	X03151588	$160,457	
12.431	Critical Infrastructure Resilience: Define, Match, Measure, and Enforce			$193,940	
12.431	Deterrence in Space-Integrated or Entangled? A Wargaming Approach to Multidomain Strategy	Georgia Institute of Technology	AWD-005292-G1	$47.553	
12.431	Efficient, Robust and Reliable Neural Networks for Multimodal and Synthetic Data: A Sparse Representation Perspective			$8,169	
12.431	Exploring the mmWave Regime for Quantum Science and Technology			$11,650	
12.431	Generating Light Bullets Using Nonlocal Metasurfaces			$254,613	
12.431	High Brightness Coherent Single Mode PCSEL Arrays for Chip-Scale Directed Energy	University of Texas at Arlington	2023GC1741	$147,863	
12.431	High-fidelity quantum architecture based on fluxonium qubits	Princeton University	SUB0000720	$511,395	
12.431	Impacts of Stress History on the Mechanical Properties of Sediment Beds	Yale University	CON-80004284(GR119104)	$77,025	
12.431	Integrated Quantum Optomechanical Transducers for Networking Microwave Quantum Machines			$1,130,983	$597,976
12.431	Interactive Human-AI Teaming for AI Model Development, Debugging and Repair			$140,644	
12.431	Learning and Influencing Conventions in Human-Machine Collaboration			$90,429	
12.431	Learning Robust Classifiers from Small Data using Generative Models			$57,203	
12.431	MURI TOPIC 14 Information Exchange Network Dynamics: A multilevel multimodal approach to network information dynamics	University of Illinois at Urbana Champaign	100440-17936	$368,565	
12.431	Nanoscale Ion Beam Materials Modification for Next-generation Superconducting Digital Devices	University of California Riverside	S1860	$139,727	
12.431	Near-Field Radiative Heat Transfer and Energy Conversion in Nanogaps of Nano- and Meta-Structured Materials	University of Michigan	SUBK00010159 / PO 3005531165	-$18,099	
12.431	New Techniques to Measure Dislocation Mobility for Alloy Design			$157,249	
12.431	Quantum State Control of Molecular Collision Dynamics	University of Missouri	C00064278-5	$25,000	
12.431	Robust Entanglement-Enhanced Metrology with Atoms and Solid-State Spins			$1,774,329	$1,010,451
12.431	Self-Strengthening Mechanophores and Polymechanophores at Interfaces and in Bulk			$129,481	
12.431	Semantic Information Pursuit for Multimodal Data Analysis	Johns Hopkins University	2003514594	-$2,549	
12.431	Simultaneous Surface Color and Texture Changes Enabled by Liquid Crystal Elastomers			$149,836	
12.431	Synthesis of Novel Energetic Graphene-Stabilized-Metal Fluoropolymer Composites and Study of their Interfaces and Reactions	Rutgers, The State University of New Jersey	PO 25316867 / SUB00002601	$134,417	
12.431	The Army Synthetic Biology Center for Predictive Materials Design (PreMaDe)	Northwestern University	60063525	$290,838	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
12.431	Thermal-Photon Resistant Protocols and Niobium-Based Trilayer Josephson Junctions for Higher-Temperature Operation of Superconducting Qubits	University of Maryland at College Park	144428-Z8690201	$160,092	
12.431	US-Japan Quantum Electronics and Laser Spectroscopy (QELS) 14 Workshop			$19,944	
12.431	W911NF-12-R-0011-04: Towards a process-based understanding of sediment degassing and ramifications for the mechanical stability of permafrost, Earth Material and Processes			$102,829	
12.431	W911NF-23-S-0001: Topic ID:ARL-BAA-0009: Imaging Nano-Interactions beyond Traditional Limits with Flat Optics and Structure Light			$1,538	
12.630	A Synergistic Human-machine framework for ideation and prototyping"			$412,904	$17,232
12.630	Building a self-sustaining microgrid for remote communities and military bases			$308,501	
12.630	Long-context language models for data foraging			$198,011	
12.630	Sediment Transport Over the Nearshore Environment (STONE): Linking Nonlinear Wave Effects Across the Shoaling and Breaking Zone	University Of Washington	UWSC14976; PO-0100048376	$52,345	
12.800	A Robust Multi-Physics Design Analysis and Optimization Framework for Hypersonic Systems Grounded in Rigorous Model Reduction			$989,431	$476,529
12.800	A Theory-Based Concept Learning Framework for Perception, Reasoning, and Planning			$77,544	
12.800	Adaptive Conventions for Trustworthy Human-Robot Interaction			$3,253	
12.800	AFOSR-MURI Mathematics of Digital Twins			$724,381	$272,502
12.800	ANSRE: ANalysis and Synthesis of Rare Events			$1,732,422	$1,003,856
12.800	Atomic Force Microscope for Single-Molecule Investigations of Biomolecular Actuation by Ion-Responsive Repeat Proteins			-$434	
12.800	Autonomous Distributed Angles-Only Orbit Determination using Multiple Observers			$3,624	
12.800	BAA Multi-Frame X-ray Imaging of Irreversible Ultrafast Plasticity			$36,150	
12.800	Battery - Propellant Hybrid Systems	Rice University	X03121051	$321,814	
12.800	Benchmarking, verification, and authentication of resource-restricted quantum hardware using novel quantum control protocols	California Institute of Technology	S630980	$128,964	
12.800	Brain-Inspired Networks for Multi-functional Intelligent Systems in Aerial Vehicles	University of California Los Angeles	Award# 02050000173141	$39,090	
12.800	Cavity Tweezers for Quantum Information Science and Simulation			$4,869	
12.800	Characterization of Hypervelocity Impact Plasma Through Experiments and Simulations			$147,195	
12.800	Complexity-theoretic foundations of quantum advantage experiments			$96,306	
12.800	DURIP: Multi-Frame X-ray Imaging of Irreversible Ultrafast Plasticity			$724	
12.800	Dynamical optical lattices of dysprosium			$419,620	
12.800	Effects of disorder on electronic properties near nematic quantum phase transitions: model systems to explore fundamental physics relevant to the discovery of new superconducting phases			$7,744	
12.800	Efficient certification and noise learning with a neutral atom quantum device			$51,065	
12.800	Electrochemical characterization for hybrid battery-propellant processes			$14,329	
12.800	Electro-retinal interface with single-cell resolution for restoration of sight			$326,392	
12.800	Emergent Phenomena via Magnetism and Topology			$82,305	
12.800	Engineering Biomolecular Actuators from Ion-Responsive Repeat Proteins			$101,185	
12.800	Evaluation of Aerothermochemistry Models Through Sensitivity Analysis and LowUncertainty Experiments	University of Colorado, Boulder	1560116 // PO 1001441567	$173,991	
12.800	ExPlor -Center of Excellence on Brain-Derived Neuromorphic Computing with Intelligent Photonic and Electronic Materials	University of California Davis	A22-2094-S002 PO#UCDPO00107231	$281,385	
12.800	Exploring Ultra-Narrow Photon Emission in the keV regime			$87,631	
12.800	Extrapolating ground test data of Hall effect thrusters to in-space operation			$32,819	
12.800	Foundations of Geometric Deep Learning			$181,564	
12.800	Fundamental Spectroscopy of Oxygen at High Temperatures and Pressures in Support of Quantitative Sensing for Hypersonic Air Flows			-$2,528	
12.800	High Coherence Quantum Phononic Circuits	Yale University	CON-80004391(GR120271)	$284,899	
12.800	High-Speed Aerodynamics			$198,040	
12.800	Hot Magnetized Plasma Acceleration Devices and Modes for Agile Plasma Thrusters			$1,522	
12.800	Information-Geometry of statistical manifolds and Data Assimilation			$231,900	
12.800	Innovations in Mean-Field Game Theory for Scalable Computation and Diverse Applications	University of Maryland at College Park	138993-Q2320201/PO138993	$7,282	
12.800	Investigation of waveform and circuit effects on RF-driven plasmas using fluid and kinetic models			$31,077	
12.800	Laser Systems for Fundamental Spectroscopy of Oxygen (O2) in Hypersonic Air Flows			$79,321	
12.800	Learning and MetaLearning of Partial Differential Equations via PhysicsInformed Neural Networks: Theory, Algorithms, and Applications	Brown University	00001656	$124,498	
12.800	Long-coherence and high-fidelity electron qubits on quantum solids.	University of Notre Dame	204833SU/PO P2118255	$419,093	
12.800	Machine learning methods for imaging with applications to space surveillance			$265,927	$27,981
12.800	Material Chemistry of Semiconductors Towards Stretchable Electronics			$167,589	
12.800	Mathematical and Computational Foundations for Predictive Digital Twins	University of Texas at Austin	UTAUS-SUB00001671	$78,170	
12.800	Mechanistic Studies of Microdroplet Chemistry			$1,608,718	$1,067,405
12.800	Mesoscopically Structured Ionic Materials: RTIL Thin Films and Perovskite White Light Emitters			$228,709	
12.800	Meta-imaging: Sensing, Processing and Computing with Dynamic Metasurfaces	Duke University	313-1121	$487,267	
12.800	MURI: Dissipatively Stabilized Qubits and Materials	University of Chicago	AWD100482 (SUB00001075)	$365,907	
12.800	MURI: Reimagining Atoms and Photons in SYnthetic, DYnamical, and INteracting Quantum matter (RAPSYDY IN Q)	Pennsylvania State University	S003166-AFOSR	$327,066	
12.800	Nanocomposites Leveraging Designer Ceramic Matrices with Tailored Interfacial Chemistry and Molecular-Scale Confined Phases			$360,144	
12.800	Optical Analog Computing and Communications with Configurable Nonlocal Photonics			$442,534	$299,078
12.800	Optophysiology: interferometric imaging of the intrinsic neural signaling			$226,750	
12.800	Pixelized Composites with Programable Stiffness Distribution for Acoustic Wave Manipulation			$113,426	
12.800	Probing microscopic sources of disorder in Josephson junctions			$464,187	
12.800	Quadrupole order and dynamics in quantum materials: new insights to electronic nematicity			$207,037	
12.800	Quantum Codes, Tensor Networks, and Quantum Spacetime	University of California Santa Barbara	KK2015	$85,626	
12.800	Quantum Computing - Theoretical Foundations of Low-Mode BosonSampling Experiments			$77,557	
12.800	Quantum Optimization with Rydberg Atoms			$68,302	
12.800	R&D to Improve the Integrity and Safety of the PNT Solution Using Current and Future SatNav signals			-$18,456	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
12.800	Reaction Models for Catalytic Combustion of Hydroxylammonium Nitrate Based Liquid Propellants: Application of a HyChem Approach	Pennsylvania State University	S004438-AFOSR	$218,572	
12.800	Real-Time Battery Health Monitoring with Built-in Ultrasonic Techniques for Electric Aerial Vehicles			$139,468	
12.800	Real-Time Coherent X-ray Imaging of Radiation-Sensitive Materials at Sub-10 nm Resolution	University of California Los Angeles	100000000142345	$317,430	
12.800	Resilient Positioning, Navigation and Timing using Angles-Only Measurements to Cataloged Resident Space Objects			$90,568	
12.800	Science Opportunities in Nonlinear Hard X-Ray Spectroscopy for Probing Chemical Dynamics in Dense Media			$7,909	
12.800	Sensitizing Reaction Chemistry in Detonation - Chemical Kinetics			-$19,811	
12.800	Silicon carbide as a monolithic platform for integrated optoelectronics			$163,028	
12.800	Spectroscopic Measurements and Non-Equilibrium Modeling for High-Enthalpy Air	California Institute of Technology	S621687	$297,408	
12.800	Stretchable Polymer Semiconductors			-$479	
12.800	Tensor Approaches for Simulating Kinetic Systems (TASKS)	University of Delaware	UDR0000593	$192,126	
12.800	TIMELIGHT: Explainability in Time Series			$31,688	
12.800	Topological Phenomena in Magnetized Plasma Structures and their Applications for Extreme Control of Electromagnetic Waves			$1,702,545	$922,937
12.800	Towards Enhanced Seismic Monitoring with Distributed Acoustic Sensing (DAS)			$307,149	$212,153
12.800	Towards Robust Scalable Quantum Random Access Memories	University of Chicago	AWD102104 (SUB00000855)	$299,080	
12.800	Tunneling Phenomena in Interface Superconductors	Harvard University	134400-5122157	$177,158	
12.800	US-Japan Quantum Electronics and Laser Spectroscopy (QELS) 14 Workshop			$6,650	
12.800	Visualizing Ultrafast Plasticity with X-ray Diffraction Microscopes			$166,130	
12.900	STARTALK Integrative Leadership Development			$114,249	
12.910	A fast design space exploration framework and compiler for heterogeneous systems with neural network accelerators			$142,761	
12.910	A Versatile and Scalable Design for Mechanically Interlocked Polymers Based on Shape-Persistent Macrocycles and Diverse Threaded Polymers			$102,583	$2,984
12.910	Alethia: Authenticating Digital Media			$127,664	
12.910	Biased agonists as rapidly acting neuropsychiatric drugs	University of North Carolina at Chapel Hill	5124424 / HR00112020029 PHASE2	-$15,743	
12.910	Chip-Scale Squeezed Light Detection for Quantum-Enhanced Sensing Technology (QUEST)			$2,310,467	$410,901
12.910	Creating a Safer Battlefield Anesthetic Based on a Newly Developed Anesthetic Class Specific to the GABAAR-slow Receptor Subtype			$1,152,307	$379,492
12.910	Development of hybrid chemistry models for real-fuel combustion chemistry through correlation with infrared spectra			$145,033	
12.910	Diamond integration with Qorvo's Exceptional Thermal Resistance Engineering of Micro-Electronic GaN (EXTREME GaN)	Qorvo, Inc.	224399/PO2864056/290792	$140,031	
12.910	Distributed cell-free manufacturing of biologics-based medical countermeasures	Northwestern University	60064652 SU	$1,727,275	
12.910	Electrogenic Regulation of Sleep Biomolecules for Circadian Cycle Adjustment			$582,168	$470,744
12.910	Embodied Structural Computing for Real-Time Stiffness Adaptation			$224,172	
12.910	Excitonic circuitry enables nightglow upconversion			$545,833	$126,199
12.910	Further Reduction Of Semiconductor Temperature using Backside-diamond Integrated with Topside-diamond Enhancements (FROST BITE)	Raytheon Technologies Corporation:	PO4202894948	$59,343	
12.910	HT-diamond development	Northrop Grumman Corporation	PO 5300083902	$413,235	
12.910	Hybrid CMOS/Brain-Organoid Reservoir Computing	Columbia University	1(GG019981-02), G19413	$100,486	
12.910	Integrated Sensors at High-Temperature Using Transferred Piezoelectric Transducers and Epitaxial Transistors (IGNITE)	University of Texas at Austin	UTAUS-SUB00001376	$421,897	
12.910	IRISS: Interkingdom soil safety sensors	University of California Riverside	S1721	$518,989	
12.910	Kinetic Inductance Quantum Signal Processing Architecture / SubK Stanford BOETTCHER DARPA SYNQUANON	Yale University	CON-80005773(GR128137	$32,032	
12.910	Nano-structured Electro-Thermal Engineered Superlattice Device for CoLossal PowEr DenSity	Northrop Grumman Corporation	PO 5300063638	$90,727	
12.910	Nitride Electronics with Enhanced Device Level heat Extraction	BAE Systems plc	1202185 Line Item 1.1	$252,566	
12.910	Nonlinear Nanophotonics for Visible-Emission Lasers (NOVEL)	University of Colorado, Boulder	1559924 / PO # 1001522176	-$191,674	
12.910	OUTATIME: Ovenized Ultra-stable Tactical Timing with Mechanics	University of Illinois at Urbana Champaign	112646-19456	$530,581	
12.910	PEGISUS: Proof EnGineering and Integration with Satisfiability modUlo theorieS			$1,531,660	$614,720
12.910	PIPES	University of Pennsylvania	588097/PO 5325048	$88,182	
12.910	Structure-guided drug discovery of allosteric modulators for cannabinoid receptors with therapeutic efficacy for PTSD and traumatic neuronal injury			$899,005	$430,826
12.910	Systems Biological Assessment of the Durability of Vaccine Responses			$1,944,608	$713,761
12.910	Wafer-scale diamond for device applications.	Element Six Technologies US Corporation	SPO-325651/PO #6921 OP	$186,437	
12.RD	Actions have Consequences: Leveraging Dialogue to Calibrate Automation	Carnegie Mellon University	1190073-483940	$276,260	
12.RD	Active Source Seeking in Multi-Robot Exploration Missions	Jet Propulsion Laboratory	1677375 PO 1677901	$58,974	
12.RD	Asteria: Permanent Attachment of Supplementary Module to RSO	Kall Morris, Inc.	302752	$16,204	
12.RD	Controlling Chemistry via Spin Injection Heterostructures			$394,222	
12.RD	Design of Robustly Implementable Autonomous and Intelligent Machines	University of California Berkeley	PO BB01962591 / 00011869	$200,007	
12.RD	Development of a Rapidly-acting Preventative Therapy for Influenza	DNARx, LLC	HR0011940279	-$409,513	
12.RD	High Performance Electronics for Quantum Systems: Analysis and Design (Sequential Phase II STTR)	Vector Atomic	SPO 174038	$31,683	
12.RD	Integrated quantum inspired photonic solver (i-QIPS)	University of Pennsylvania	586124/PO 5062440	$51,213	
12.RD	Minitherms3D	HRL Laboratories, LLC	23007-234563-QS	$241,307	
12.RD	MIST Collaboration	MIT Lincoln Laboratory	7000615429	$339,470	
12.RD	Multiscale Self-Assembly of Non-Hermitian Devices: Meta-Atoms to Nanomaterials (SANDMAN)	New York University	iB00896063	$126,564	
12.RD	Network on Chip (NoC) Design	Northrop Grumman Systems Corporation	5300027712	-$166,512	
12.RD	Novel Quantum Measurement Circuits for Fault-Tolerant Quantum Computing	Duke University	313-000123	$15,246	
12.RD	Origami Solar Array (OSA)	Exploration Laboratories L.L.C.	SPO 317956	$1,995	
12.RD	Provably Correct Design of Adaptive Hybrid Neuro-Symbolic Cyber Physical Systems	University of California Berkeley	PO#: BB02004217 / 00011420	$80,823	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
12.RD	Realizing the Potential of Graph Neural Networks for Seismic Phase Association	Applied Research Associates, Inc.	S-D00243-12-TO-03-STANFORD	$206,962	
12.RD	Research Project in Applied Statistics			$170,168	
12.RD	Ring Laser Gyroscope Operating at Exceptional Point with Extremely High Sensitivity	Intelligent Fiber Optic Systems Corporation	344908	$39,835	
12.RD	Second Generation Neutron Generator using a Ultra-compact HV Power Supply	Xelera Research, LLC	SPO 303566	$58,403	
12.RD	Securing our National Internet Infrastructure: Using measurement, control, and verification for closed-loop control networks			$3,355	
12.RD	SYNCED: Interfacing Synthetic Biology with Electrochemical Detectors for Smart Non-Invasive Assays of Physiology	Northwestern University	60066890 STAN, 60066892 STAN	$385,760	
12.RD	Task-Relevant Active View Planning with Neural Radiance Fields (NeRF)	MIT Lincoln Laboratory	7000603941	$69,076	
12.RD	Test & Evaluation of AI, Autonomy and Manned-Unmanned Teaming	GE Global Research	401175445	-$6,752	
Department of Education				**$2,858,406**	
84.022	Seabed Sovereignties - Decolonization Deep Sea Minerals and International Law in Oceania			$8,178	
84.022A	Andrew Nelson Fulbright-Hays Doctoral Dissertation Research Abroad (DDRA) Fellowship // Synthesis and Innovation in Meiji Linguistics			$21,494	
84.022A	Jazz, Reggae, And Solidarnosc: Transnational Collaborations and Racialized Entanglements Between Poland and The African Diaspora			$14,512	
84.022A	Tianlin Walsh Fulbright-Hays Doctoral Dissertation Research Abraod (DDRA) Fellowship // Through a Continent Darkly: Women in Manchukuo Literature and Cinema			$3,565	
84.116M	TEACH ME: Technology Enhanced Academic Communication to Help in Math and English	Brown University	00002534	$124,434	
84.305A	Boost Reading Efficacy: Evaluating the impact of a widely-used, supplemental, digital reading program on elementary school literacy			$603,433	$111,516
84.305A	Covid-19: Refinement and Validation of a Large-Scale Panel Survey of Students' Social-Emotional Learning in Grades 4 through 12 in the COVID Era	Education Analytics Inc.	R305A230402_03_01	$12,141	
84.305A	Evaluating the Efficacy of the CLAVES Intervention: An Intervention Focused on Comprehension, Academic Language, and Vocabulary for English Learner Students			$568,868	$109,675
84.305A	Linking Inequities in Educational Opportunities to Inequality in Educational Outcomes: An Exploratory Analysis in New York State			$502,580	
84.305A	Peer-assisted writing strategies: Efficacy (PAWS: Efficacy).	Georgia State University	SP00013807-01	$323,074	
84.305B	Supporting Equity-Focused, Interdisciplinary, and Responsive Research in Early Childhood Care and Education: The Equity in Early Education (E3) Postdoctoral Fellowship Program			$248,023	
84.305C	Center for Early Literacy and Responsible AI (CELaRAI): Innovating Beginning Reading Instruction for Culturally and Linguistically Diverse Learners	State University of New York at Buffalo	R1422800	$35,079	
84.305D	The Item Response Warehouse: Empowering data-driven psychometrics research			$162,617	
84.305N	PACE Career Development Opportunities in Los Angeles Unified School District".	SRI International	PO103800	$7,936	
84.305R	Using Text Messaging To Improve Kindergarten Readiness of Children in Rural New Mexico	University of New Mexico	3RNF1	$127,475	
84.367A	Stanford World Language Project ESSA 2024-25	University of California Office of the President	ESSA24-CWLP-STANFORD	$94,997	
Department of Energy				**$30,822,976**	
81.087	Bi-Partisan Infrastructure Law (BIL) DOE Funding for activities at the National Marine Energy Centers	Oregon State University	G0222R-C	$106,794	
81.000	Automated Scenario Assessment of Groundwater Table & Salinity Response to Sea-Level Rise	Lawrence Berkeley National Laboratory	7652262	$107,065	
81.000	Center for Computational Study of Excited-State Phenomena in Energy Materials (C2SEPEM)	Lawrence Berkeley National Laboratory	7581670	$146,523	
81.000	Multi-sensor Fusion for Nuclear	Lawrence Berkeley National Laboratory	7588724	-$902	
81.000	NAWI - Energy Innovation Hub	Lawrence Berkeley National Laboratory	7539834	$72,394	
81.000	NAWI - Energy Innovation Hub DWR			$13,638	
81.049	A Multi-Model, Multi-Scale Research Program in Stressors, Responses, and Coupled Systems Dynamics at the Energy-Water-Land Nexus			$85,810	$17,352
81.049	A Programming System for Efficient Analog Computation			$136,773	
81.049	Atom-defect Hybrid Quantum Systems	University of California Santa Barbara	KK2229, KK2535	$101,153	
81.049	Center for Mechanistic Control of Water-Hydrocarbon-Rock Interactions in Unconventional and Tight Oil Formations			$98,155	$98,183
81.049	Center for Soft PhotoElectroChemical Systems (SPECS)	University of Arizona	688257	$238,678	
81.049	Characterizing the limits of nonequilibrium control for dissipative self-assembly			$172,099	
81.049	Complex quantum systems and the quantum universe	University of Pennsylvania	578218 / PO 4746738	$3,033	
81.049	Deformation of Nano-Metallic Glasses Made using Colloidal Synthesis			$152,704	
81.049	Development of a quantumoptimal bioimaging system for plantmicrobiome interactions			$542,196	
81.049	Development of high-throughput light-sheet fluorescence lifetime microscopy for 3D functional imaging of metabolic pathways in plants and microorganisms			$274,170	
81.049	DOE Phase II SBIR Topic 22(d) - Numerical Model Development for Supercritical CO2 Oxy- Combustion	Combustion Science & Engineering Inc	173197	-$11,771	
81.049	Dynamics of electrified liquid surface during plasma-liquid interaction			$110,952	
81.049	Early Career DOE: Quantum Black Holes and Wormholes			$210,953	
81.049	Effect of local order on polaron and exciton delocalization in rigid D-A copolymers			$543,323	$346,023
81.049	EFRC for Regenerative Energy-Efficient Manufacturing of Thermoset Polymeric Materials (RE-MAT)	University of Illinois at Urbana Champaign	110904-19217	$206,929	
81.049	Engineering continuous trait variation in bioenergy feedstocks to optimize growth on marginal lands			$163,522	
81.049	Experiment Study of Neutrino Properties			$855,029	
81.049	Genetic diversity of human heart responses to low-dose radiation			$235,744	$24,030
81.049	HEP Consortium for Advanced Training	University of California Davis	A22-1532-S002/PO UCDPO00104758	$172,756	
81.049	HEP IC Design Apprenticeship Program			$607,465	$275,206
81.049	High-Power Photonics Using Adaptively Controlled Plasmas as Diffractive Optical Elements			$179,993	
81.049	Integrated Data-driven Methods for Scientific Discovery of Non-equilibrium Thermochemical Processes in Complex Environments from Ultrafast X-ray Measurements at LCLS			$315,449	
81.049	Integrated engineering of whole plant water use efficiency in Sorghum and Setaria	Donald Danforth Plant Science Center	23217-S	$526,082	
81.049	Integrated Materials Platforms for Topological Quantum Computing Devices	University Of Minnesota	A011890601	$143,652	
81.049	Kinetic effects on self-organization in low-temperature magnetized plasmas			$6,384	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
81.049	Linking drought response by ectomycorrhizal fungi to carbon cycling and forest productivity			$277,971	
81.049	Manipulation of Atomic Ordering for Manufacturing Semiconductors (mu-ATOMS)	University of Arkansas	UA2023-351/23SC502996	$125,132	
81.049	Metal Encapsulation Strategies to Optimize and Minimize PGE Use in Heterogeneous Catalysts			$126,559	
81.049	Moire excitons for quantum information science			$742,929	$54,987
81.049	Multi-Functional Adaptive Biomimetic High Energy-Density Battery Enclosure	Helicoid Industries, Inc.	336097	$51,012	
81.049	Nanophotonics-Enhanced Solar Cells			$158,483	
81.049	Non-destructive, three-dimensional imaging of processes in the rhizosphere utilizing high energy photons	University of California Santa Cruz	A22-0274-S001	$1,695	
81.049	Nonlinear X-ray Optics for Transition Metal Chemistry and Coherent X-ray Spectroscopy	University of Wisconsin	0000002951	$38,754	
81.049	Photonics at Thermodynamic Limits			$370	
81.049	Probing Strong-field Effects in QED on FACET-II			$236,184	$77,139
81.049	Project Induced Seismicity Transformer (InFormer)	Stottler Henke Associates, Inc.	InFormer1_Stanford - SHAI_01	$43,251	
81.049	Quantum Photonics Integrated Design Center (QuPIDC)	Purdue University	14000904-030	$248,493	
81.049	Quantum Utility Through Advanced Computational Quantum Algorithm (QUACQ)	California Institute of Technology	S680846	$20,441	
81.049	Scalable quantum photonic materials based on precision doped diamond nanostructures			$532,553	
81.049	SEA-CROGS: Scalable, Efficient and Accelerated Causal Reasoning Operators, Graphs and Spikes for Earth and Embedded Systems			$734,782	$419,792
81.049	Searching for Strongly Interacting Dark Sectors with Electron Beams			$422,031	$7,506
81.049	Shaping High-Energy and High-Average-Power Laser Pulses Using Plasma Optics	Princeton University	SUB0000842	$6,585	
81.049	Single-electron transistor microscopy of synthetic correlated quantum materials			$131,279	
81.049	Solving the Paradox of Rhizosphere Effects on Soil Carbon Cycle	University of California Santa Cruz	A25-0007-S001	$441,805	
81.049	Spin Functionality Through Complex Oxide Heteroepitaxy			$176,929	
81.049	Studies of High Energy Density Discharge and Laser-Driven Deflagrating Plasma Stagnations			$140	
81.049	Studies of Surface Reaction Mechanisms in Atomic Layer Deposition			$277,610	
81.049	Superconducting Quantum Materials and Systems	Fermi National Accelerator Laboratory	679371	$30,722	
81.049	Sustainable Ironmaking: Using Photons to Understand & Drive the Mechanism of H2-Based Direct Iron Reduction			$188,936	
81.049	The Center for Enhanced Nanofluidic Transport (CENT)	Massachusetts Institute of Technology	S5866 PO# 832586	$181,594	
81.049	The Geometry and Flow of Quantum Information: From Quantum Gravity to Quantum Technology	University of California Berkeley	00010057/BB01621328	$130,000	
81.049	The Non-Equilibrium Quantum Frontier.			$162,070	
81.049	Tough Errors Are no Match (TEAM): Optimizing the quantum compiler for noise resilience			$154,227	
81.049	Ultra Materials for a Resilient, Smart Electricity Grid	Arizona State University	ASUB00000682	$6,198	
81.049	Understanding Multi-Stressor and Multi-Scale Drivers of Feedbacks, Cascading Failures, and Risk Management Pathways within Complex MSD Systems	Pennsylvania State University	#SUB-2023-10101; S002350-USDOE	$362,817	
81.049	Understanding the Structure-Property Relationships and Unusual Aging Behavior of Microporous CANAL Polymer Membranes for Gas Separation			$373,245	$153,400
81.049	Using an evolutionary perspective to discover and predict stress-associated gene functions			$599,987	$357,811
81.086	Energy Services through INtegrated FLexible Operation of Wastewater System (ENERGY-INFLOWS)			$359,047	
81.086	Experimentally Validated Atomistic and Continuum Modeling of Li-S Batteries	University of California Berkeley	00011856 / PO BB01941805	$219,324	
81.086	Inductively Heated Metamaterial Reactors for Intensified Thermochemical Processing			$838,793	
81.086	Long-Life Lithium-Sulfur Batteries for Future EVs	Lyten, Inc.	SPO 311414	$37,182	
81.086	Scalable High-Throughput Open-Air Spray-Plasma Manufacturing of Solid-State Lithium Batteries			$480,653	
81.086	Ultra-efficient Porous-Media Combustion Technology for H2-based Combustion in Process Heating			$508,409	$236,235
81.087	An Equitable, Affordable & Resilient Nationwide Energy System Transition (EARNEST)			$2,213,325	$1,204,893
81.087	Award combined Prof. Eric Dunham's project and Roland Horne's project with Fervo Energy	Fervo Energy Company	DE-EE0011277	$308,524	
81.087	Open-Air Manufacturing of Efficient Large-Area Perovskite Solar Cells to Meet Stability and Cost Targets			$231,092	
81.087	Semi-Monolithic Devices for Photoelectrochemical Hydrogen Production	University of Nevada, Las Vegas	GR20858	$9,810	
81.087	Stakeholder Insight into Hydropower Research & Development Issues	American Rivers	SE25DOE214F	$358,813	
81.087	The Uncommon Dialogue on Large-Scale U.S. Solar Development and Land Conservation	Solar and Storage Industries Institute	11764-SUD-Stanford	$46,285	
81.087	Towards Scalable Manufacture of Low Iridium Loading Catalyst for Durable PEM Water Electrolyzers (PEM-WE)			$169,679	$92,259
81.087	Wellbore Fracture Imaging Using Inflow Detection Measurements	University of Utah	10039612-Stanford-3-2418-AF1	$300,870	$69,000
81.089	AOI-2a: A Modular System for Direct Conversion of Methane into Methanol via Photocatalysis			$198,388	
81.089	CarbonSAFE Illinois Corridor Phase III	University of Illinois at Urbana Champaign	101914-18189	$9,999	
81.089	DOE Synergizing Minority-Serving Institution Partnerships for Carbon-Negative Geologic Hydrogen Production			$158,809	
81.089	Insight - Developing methane emissions inventories by fusing airborne, satellite and modeled assessments: comprehensive surveys of the Anadarko and Haynesville Basins	Insight M Inc.	DE-FE0032310-SA1	$448,108	$177,241
81.089	Sutter County CO2 Capture and Storage Project, Northern California	Gas Technology Institute	SR118_ 23488	$28,110	
81.089	Tulare County DOE CarbonSafe Proposal	Advanced Resources International, Inc.	DE-FE0032264	$498,934	
81.089	Western States Regional CCUS Deployment	New Mexico Institute of Mining and Technology	P0019857- 01	$46,829	
81.112	Center for Additively Manufactured Complex Systems under Extremes (CAMCSE)	University of Alabama at Birmingham	000538219-SC002	$289,876	
81.112	Establishing the Next Generation of Metal Additive Manufacturing Microscopes at X-ray Free Electron Lasers			$83,802	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
81.112	New Operando X-ray Microscope for Movies Resolving the Nanoscale Origins of Defects in Metal Additive Manufacturing			$190,962	
81.124	Center for micromorphic multiphysics porous and particulate materials simulations within exascale computing workflows	University of Colorado, Boulder	1559907/PO1001466527	$144,546	
81.124	INSIEME: INtegrated Simulations using Exascale Multiphysics Ensembles			$3,253,539	$412,295
81.135	20 KV Gallium Nitride PN Diode Electro-Magnetic Pulse Arrestor for Grid Reliability			-$395	
81.135	Additive Manufacturing of Amorphous Metal Soft Magnetic Composites			$488,215	$181,943
81.135	Co-synthesis of Hydrogen and High-value Carbon Products from Methane Pyrolysis			$4,256	$1,469
81.135	Diamond Optically Gated JFET (DOG-FET)			$329,977	$51,465
81.135	Disruptive Technology for Carbon Negative Commodity Biochemicals			-$1,228	
81.135	Energy efficient integrated photonic systems based on inverse design			$55,203	$51,848
81.135	Multiscale characterization, transport, and mechanics for enhanced H2 recovery and reservoir management	University of Southern California	SCON-00006699	$126,484	
81.135	Nuclear product detection from deuterated nanoparticles under phonon stimulation			$485,714	$129,091
81.135	Ocean ERA_Monitoring the Blue Fields deep-cycling macroalgae farm	Ocean Era Inc.	2025-004	$15,530	
81.135	Open and Scalable Distributed Energy Resource Networks			-$583	
81.135	Performance Enhancement of Hydrokinetic Arrays using Reliable, Low-Cost Dynamic Components	Emrgy Inc.	SPO 201927	-$3,836	
81.135	Robust Multifunctional Battery Chassis System			-$38,486	
81.135	SLEUTH: Spectroscopy of oceanic Liquid Environments Using Towed optical sensor Heads	University of Colorado, Boulder	PO 1002104323 / 1565751	$74,268	
81.250	An Unsolicited Request by the Energy Modeling Forum for Funding to the Department of Energy Information Administration			$188,714	
81.RD	A diamond nanolaser quantum sensor with near-unity contrast and collection efficiency			-$3,725	
81.RD	Angstrom Era Semiconductor Patterning Material Development Accelerator	Brookhaven National Laboratory	437639	$172,521	
81.RD	BP1-2: CFD modeling and operando measurements of multiscale heat and mass transfer for membrane module customization	Lawrence Berkeley National Laboratory	Subcontract No.7610479	$60,155	
81.RD	California Residential Methane Emissions Characterization (CARMEC) Study Synthesis of Existing Data	Lawrence Berkeley National Laboratory	7773354	$24,999	
81.RD	Cell-free protein engineering methods to engineer methylation sensitive CRISPR/Cas protein	Sandia National Laboratories	2565698	$10,127	
81.RD	Center for High Precision Patterning Science (CHiPPS)	Lawrence Berkeley National Laboratory	7668571	$291,806	
81.RD	Characterizing Microbial Markers Predictive for ALS Onset and Progression	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B659350	$13,886	
81.RD	Closed-Loop Geothermal Technical Support NREL	National Renewable Energy Laboratory	SUB-2024-10198	$12,627	
81.RD	Cloud Fusion of Big Data and Multi-Physics Models using Machine Learning for Discovery, Exploration, and Development of Hidden Geothermal Resources Project	Los Alamos National Laboratories University of California	451912/ C3726	$113,232	
81.RD	Continuous Calculation of Wind Plant Performance for Design and Control	National Renewable Energy Laboratory	SUB-2023-10101	$163,613	
81.RD	Continuous electrosynthesis of lithium minerals from geothermal brines with a flow-electrode reactor	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B663844	$223,414	
81.RD	Continuum Model Development for Electrochemical Systems	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B662557	$9,601	
81.RD	Development of atomistic methods to calculate thermodynamic properties of materials	Los Alamos National Laboratories University of California	C4021 / EP260149	$99,941	
81.RD	Development of Life Cycle Inventory Data for Geologic Hydrogen Life Cycle Analyis	Argonne National Laboratory	4F-60146	$90,310	
81.RD	Evaluating alternative institutional and investment models to catalyze 100 million tons of carbon capture and storage (CCS) per year in California by 2045	Leonardo Technologies Inc.	LTI-89303022AFE000003-STA	$49,088	
81.RD	Evaluating the technical basis for trustworthy generative artificial intelligence applied to sparse data applications.	Sandia National Laboratories	2646729	$76,884	
81.RD	Farming Carbon: Accelerating the science of carbon sequestration and water security in working lands	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B665205, B665205 -1	$107,805	
81.RD	Genetic Code Engineering for Intrinsically Secure Cell-Free Biomanufacturing	Sandia National Laboratories	2657778	$115,203	
81.RD	Intrinsic Control for Genome and Transcriptome Editing in Communities (InCoGenTEC)	Sandia National Laboratories	2553478	$303,039	
81.RD	Investigation of the impacts of coastal nutrient sources and model resolution on MACMODS seaweed productivity estimation	Pacific Northwest National Laboratory	796217	$38,796	
81.RD	Joint Appointment for Jan Rudolph (MAGIS)	Fermi National Accelerator Laboratory	FRA-2023-0043	$150,581	
81.RD	Large Scale Two-Photon 3D Printing Enabled by Metaoptics	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B649819	-$11,911	
81.RD	LLNL Continuum Model Development for Flow and Transport in Electrochemical Systems	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B667703	$93,144	
81.RD	Machine Learning for Enhanced LanM Selectivity Prediction and Redesign	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B669932	$40,828	
81.RD	Measuring Toxin Activity and Pathogens in Unknown Samples	Pacific Northwest National Laboratory	543042	$144,061	
81.RD	Microelectronic Devices Enabled by Atomic Layer Deposition for Ultra-low Power Architectures	Argonne National Laboratory	4F-60111	$176,994	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
81.RD	Microstructurally-Inspired Strategies to Print Tantalum and Tantalum-Tungsten Alloys	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B654014	$66,161	
81.RD	Multi-fidelity Uncertainty Quantification Methods for Stochastic Solvers	Sandia National Laboratories	PO# 2660201	$71,986	
81.RD	NAWI Task 3.2.5: Enhancing Data-Driven Science for Water Treatment Pilot Systems with Semantic Metadata Management	Lawrence Berkeley National Laboratory	7743814	$91,481	
81.RD	NAWI Task 6.8 techno-economic modeling of electrochemical oxyanion treatment	Lawrence Berkeley National Laboratory	7631032	$129,302	
81.RD	PbSe- and PbGeSe-based detectors in the 2-5 m window on GaAs and GaAs/Si templates	Sandia National Laboratories	2527970	$23,763	
81.RD	Persistence Control of Engineered Functions in Complex Soil Microbiomes (PerCon)	Pacific Northwest National Laboratory	725644	$42,449	
81.RD	Photonic Crystal Optical Readout of MEMS devices: Experiments and Modeling	Sandia National Laboratories	2558166	$69,878	
81.RD	Plasma Diagnostics for Dense Plasmas: Optical Spectroscopy and X-ray Imaging	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B653347	$87,259	
81.RD	QuantISED: Quantum Sensors for Dark Matter	Fermi National Accelerator Laboratory	707397	$250,815	
81.RD	Radiation defect engineering in two-dimensional nanomembranes	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B663738	$28,107	
81.RD	Scaling Gas Optics to High-Energy Lasers for High Energy Density Science	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B668330, B662482	$90,075	
81.RD	Scintillation Photon Counting Detectors for 100 ps Time-of-Flight PET Imaging	Lawrence Berkeley National Laboratory	7777886	$140,302	
81.RD	Statistics of Subsurface Strain & Hydrogen Localization in Fracture	Sandia National Laboratories	2663361	$49,746	
81.RD	Task-based Programming Models and Toolchains	Los Alamos National Laboratories University of California	C4657	$18,695	
81.RD	Testing approaches to Improve Outcomes of Large-Scale Solar Siting	Solar and Storage Industries Institute	11466-SEEDS-Stanford	$116,369	
81.RD	The macroscopic forcing method as a tool for RANS model development and assessment	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B668469	$74,512	
81.RD	Thermal Electronics using 2-Dimensional Materials	Sandia National Laboratories	2583772	$87,351	
81.RD	Tools and technologies for manipulation of the plant-associated fungus Trichoderma atroviride	Lawrence Berkeley National Laboratory	7780771	$153,250	
81.RD	Ultra-efficient desalination with flow electrode capacitive deionization, LDRD DR 22-DR-011			-$8,273	
81.RD	Understanding and Controlling Microstructure in Additively Manufactured Refractory Alloys for Geometry and Property Control	Lawrence Livermore National Laboratory - Lawrence Livermore National Security, LLC	B654297	$4,419	
81.RD	Understanding Large Language Models through an Instructional Design Evaluation Framework	Sandia National Laboratories	2547486	-$3,992	
81.RD	Variable Property Rayleigh-Taylor Instability	Los Alamos National Laboratories University of California	CW26045-PO239819/ PO EP189855	$13,232	
Department of Health and Human Services				**$800,108,010**	
93.084	Prevention Policy Modeling Lab (NEEMA 3)			$546,375	$122,167
93.127	Pediatric Emergency Care Applied Research Network (PECARN)			$524,654	$216,266
93.173	Probing how hair bundle mechanics shapes the inner hair cell receptor potential			$694,429	
93.242	A Confirmatory Efficacy Trial of Engaging a Novel Sleep/Circadian Rhythm Target as Treatment for Depression in Adolescents	University of California San Francisco	14565sc	$39,412	
93.242	Neural Mechanisms of Social Attribution from Faces			$873,422	$495,499
93.242	Uncovering proximal antecedents to Black male suicide using real-time approaches			$119,793	
93.273	ASPIRE to Change: Leveraging Text Messaging Peer Support Coaching to Mitigate Hazardous Alcohol Consumption in Non-Collegiate Young Adults			$474,403	$126,922
93.837	Deciphering CXCR3+ T-cell Trafficking with Single-Cell Approaches in Cardiac Sarcoidosis			$1,124,422	
93.846	Enhanced Cartilage Formation of Chondrocytes in Viscoelastic ECMs under Mechanical Loading			$74,404	
93.846	Genetic studies of a pleiotropic transmembrane protease: insight from color variation in non-model organisms			$572,586	$75,066
93.847	Effectiveness of Recipe4Health on Obesity and Cardiometabolic Health: A natural experiment			$546,029	$163,842
93.847	Improving Kidney Transplant Outcomes and Cost of Care through Better Pretransplant Operations			$64,134	
93.853	Pediatric Dose Optimization for Seizures in Emergency Medical Services (PediDOSE)			$3,568,166	$3,156,283
93.866	Enhancing the Implementation, Effectiveness, and Reach of Geriatric Emergency Departments for Older Adults with Dementia (EMERGED)			$71,382	
93.866	VAST Center: Viromes Across Space(s) and Time			$1,711,625	$66,790
93.958	California Early Psychosis Training and Technical Assistance Project	University of California Davis	A22-3745-S001	$1,081,638	
93.073	California Center of BD-Steps II - Finding Causes and Preventives of Birth Defects			$18,814	$4,905
93.073	Comp A: California Center of BD-Steps II - Finding Causes and Preventives of Birth Defects			$555.755	$30,765
93.079	Policy Research to Support Adolescent Health and Wellbeing			$558,906	$150,000
93.080	CDC Community Counts Bleeding Disorders Surveillance Project	Center for Inherited Blood Disorders (CIBD)	CIBDIX2020CDC-STAN-04, 05	$23,782	
93.080	Characterizing the Complications Associated with Therapeutic Blood Transfusions for Hemoglobinopathies	University of California San Francisco	12046sc	$1,181	
93.084	Coronavirus Disease 2019			$451,584	$337,296

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.084	Johns Hopkins Prevention Epicenter: Transdisciplinary Research Approaches to Prevent Healthcare Associated Infections and Antibiotic Resistance (TRAP HAI & AR)	Johns Hopkins University	2005959252	$57,526	
93.103	Covid-19: Assessing the racial, ethnic, and geographic equitability of COVID-19 treatments in a primary care population			$312,511	
93.103	Ethnically Diverse iPSC Kit for Accurate Assessment of Drug-induced Vascular Toxicity	Health and Environmental Sciences Institute	3U01FD006676-03S1	$511	
93.103	Exhalos - Breath Monitor for Necrotizing Enterocolitis	Research Institute at Nationwide Children's Hospital	710092-0825-SA6	$25,000	
93.103	Multicenter Trial of ECMO in Children with Severe Cardiac Failure using the Cardiohelp System	Boston Children's Hospital	GENFD0002493979	$48,293	
93.103	Phase 1/1b Study of Autologous CD4LVFOXP3 in Participants with IPEX Syndrome			$318,893	
93.103	Phase 3 Trial of DCA in PDC Deficiency IND 028,625 (02/04/2015)	University of Florida	SUB00003307	$66	
93.103	UCSF-Stanford Center of Excellence in Regulatory Science and Innovation	University of California San Francisco	14772sc	$719,583	
93.103	UCSF-Stanford Pediatric Device Consortium	University of California San Francisco	14758sc	$404,473	
93.110	DevelopmentalBehavioral Pediatrics Training Program			$367,905	$40,000
93.110	Hemophilia Treatment Centers (SPRANS)	Center for Inherited Blood Disorders (CIBD)	CIBDIX2012HRSA-STAN-13, 14	$31,033	
93.110	Regional Pediatric Pandemic Network	University of California San Francisco	13309sc	$85,179	
93.110	State Maternal Health Innovation Program			$2,603,738	
93.110	Thalassemia	University of California San Francisco	14822sc	$2,500	
93.113	Accelerating Data and Metadata Standards in the Environmental Health Sciences Study of Emerging Water Contaminants	Yale University	CON-80005138 (GR124586)	$95,643	
93.113	Data science tools to identify robust environmental exposure-phenotype associations for precision medicine	Harvard University	150620.5116041.0003	$81,589	
93.113	Epigenetic and genetic regulation of arsenic methylation and arsenic relatedcardiovascular disease risk			$137,233	
93.113	Impact of Maternal Arsenic Exposure on Offsprings Epigenetic Reprogramming of Allergic Airway Disease	University of Pittsburgh	AWD00007899 (139404-1)	$3,185	
93.113	Integrating the Exposome into Longitudinal Multiomics Profiling			$505	
93.113	Interdisciplinary approaches for understanding how arsenic and micronutrients affect the epigenome to influence spina bifida risk	Boston Children's Hospital	GENFD0002359398	$79,063	
93.113	Long-term prospective associations of PFAS with musculoskeletal and cardiovascular health among older adults	Harvard Pilgrim Health Care	AH000955-PO 27717	$22,065	
93.113	Male pesticide exposure, reproductive health and epigenetics	Harvard Medical School	129579	$95,457	
93.113	Prenatal and lifetime exposure to pesticides and particulate matter and respiratory health in young adults from the CHAMACOS birth	University of California Berkeley	00011261/R01ES032871BB0 1990573	$15,361	
93.113	Prenatal and Postnatal Exposure to Environmental Mixtures: Neurodevelopment andDNA Methylation Biomarkers			$405,463	$64,135
93.113	Programming of Epigenetic Clocks and Biomarkers from Early-life Arsenic Exposure			$84,932	$6,010
93.113	Regulation of the DNA damage Response			$490,844	$18,501
93.113	The Impact of Drought on Arsenic Exposure and Cardiometabolic Outcomes in a Rural Aging Population	University of Colorado Denver	FY22.659.005-FY26.659.002_AMD4	$23,948	
93.113	Wildfire Smoke Exposure in Pregnancy and Risk of Structural Birth Defects	University of California San Francisco	14511sc	$66,620	
93.113	Wildfires and intentional biomass burning in California and Preterm Birth	University of California San Francisco	13010sc	$7,941	
93.121	ACTL6a ties metabolic reprogramming to cancer stem cell maintenance in oral cavity squamous cell carcinoma			$15,408	
93.121	Advanced genetic systems for Fusobacterium nucleatum in oral and extra-oral pathologies.	University of Texas MD Anderson Cancer Center	3002527817	$97,786	
93.121	Candida Genome Database			$430,552	
93.121	Center for Dental, Oral, and Craniofacial Tissue and Organ Regeneration (C-DOCTOR)	University of Southern California	132136667/SCON-00006680-ITP, /SCON-00006681	$702,946	
93.121	Dissecting motor cortex modulation of nociception during chronic pain			$36,525	
93.121	Drug loaded, bioprinted fibrin scaffolds for use during cranial nerve repair surgery	University of Southern California	SCON-00006845	$225,603	
93.121	Identifying and modulating pathologic T cells that govern oral mucosal immune related adverse events from immune checkpoint blockade	Oregon Health & Science University	1025270_STANFORD	$252,604	
93.121	Local and Systemic Multi-omics of TMJ disorders	University of California Los Angeles	1350 G LB391, 1350000313005	$122,629	
93.121	Lysosome-targeting chimeras degrading immune checkpoint proteins to enhance immunoradiotherapy of head and neck cancer			$8,376	
93.121	Mechanisms of Regeneration: Facial Nerve Injury and Repair			$23,227	
93.121	Microribbon scaffold-mediated Immunomodulation for Cranial Bone Repair			$375,072	
93.121	Molecular mechanisms mediating the soft tissue attachment to teeth			$698,278	$28,201
93.121	Novel OrganoPET Assay for Precision Therapy of Head and Neck Cancer			$85,483	
93.121	Pacific-Stanford PRIMED Program: Training the next generation of clinical oral health researchers	University Of The Pacific	33276-02; 33276-001	$180,439	
93.121	Precision imaging for risk stratification and personalized therapy of oropharyngeal cancer			$663,589	$126,986
93.121	Regulating Skeletal Stem Cell and Neutrophil Dynamics for Improved Cleft Palate Bone Regeneration by Newly Designed Surrogate Bone Morphogenetic Protein-2			$47,917	
93.121	Reprogramming fibroblasts embryonic origins to overcome skin fibrosis and scarring.			$248,027	
93.121	Reprogramming the Tumor-Immune Interface in Oral Cancer			$908,311	
93.121	Research and Mentoring Program for Underrepresented Pre-dental students (RAMP UP)			$72,964	
93.121	Salivary gland response to Desert hedgehog signaling as an antidote to damage from therapeutic radiation			$581,374	
93.121	The Genetic Architecture of Human Facial Morphology	University of Pittsburgh	CNVA00055576 (134310-4)	$76,863	
93.121	The role of Galectin-1 in shaping the immune suppressive landscape in head and neck cancer			$572,603	
93.127	EMSC Targeted Issue Grants	Oregon Health & Science University	1016191_STANFORD	-$3	
93.136	Leveraging Individual-Level Data to Evaluate Policies Targeting Acute Risk Periods for Firearm Violence: Extreme Risk Protective Orders and Waiting Periods in California	University of Pittsburgh	AWD00007980 (139390-2)	$56,165	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.143	UNM Metal Exposure Toxicity Assessment on Tribal Lands in the Southwest (METALS) Superfund Research Program	University of New Mexico	3RNC1- 2, 3	$26,798	
93.172	A Comprehensive Genomic Community Resource of Transcriptional Regulation	University of Massachusetts Worcester	SUB00000155 /WA01592470 / #WA01750052	$362,968	
93.172	A Data and Administrative Coordinating Center for the Impact of Genomic Variation on Function Consortium			$4,228,541	$215,401
93.172	A Multi-stakeholder Approach to the ELSI of Social and Behavioral Genomics: Investigating the Field's Downstream Implications to Mitigate Harms, Promote Benefits, and Locate Social Responsibility			$246,302	
93.172	Alliance Central: A platform for sustainable development of next generation genome knowledgebases	California Institute of Technology	S666778	$468,834	
93.172	Atlas of Regulatory Variants in Diseases (ARVID)			$460,798	
93.172	Bayesian estimation of gene effects on traits from coding variants			$387,573	
93.172	Bridging the gap between genetic variants and radiomic phenotypes via genomic large language models			$131,085	
93.172	Center for Personal Dynamic Regulomes			-$560	
93.172	Clinical Genome ResourceCurrent Grant SPO#126378	Baylor College of Medicine	P700001154, P700001537	$2,738,776	
93.172	Clinical Implementation Resources for Pharmacogenomics (tentative)			$1,480,480	$558,958
93.172	Comparative Functional Genomics of Yeast			$170,787	
93.172	Deep tensor genomic imputation	University Of Washington	UWSC12630 BPO55233	$190,455	
93.172	Development of multi-color 3D super-localization LiveFISH and LiveFISH PAINT to investigate the chromatin dynamics at any genomic scale			$176,934	
93.172	Developmental GTEx Laboratory, Data Analysis and Coordination Center	Broad Institute Inc.	5001262-5500001635	$120,078	
93.172	EDGE CMT: Dissecting complex traits in wild isolates of yeast by high-throughput genome editing			$459,755	
93.172	ELSI.hub: National Center for ELSI Resources and Analysis			$2,031,950	$849,002
93.172	Enhancing open data sharing for functional genomics experiments: Measures to quantify genomic information leakage & file formats for privacy preservation	Yale University	GR111094 (CON-80002636)	$86,405	
93.172	Fairness in Practice: Defining and Implementing Diversity & Representation in AI datasets for Healthcare			$511,770	
93.172	Fast, powerful, scalable, usable, and distributable methods for multi-modal single cell analyses			$751,973	$137,794
93.172	Function-based exploration of genetic variation at genome-scale			$640,887	
93.172	GENCODE: comprehensive reference genome annotation for human and mouse	European Molecular Biology Laboratory - European Bioinformatics Institute	Stanford 455906/5U24HG007234-12	$187,987	
93.172	Gene Ontology Consortium	University of Southern California	SCON-00006318, SCON-00007749	$254,985	
93.172	Genomic Resource for the Yeast Saccharomyces			$1,083,530	
93.172	Genomics Diversity Summer Program (GDSP) at Stanford			$27,626	
93.172	High throughput functional annotation of the impact of human UTR sequence variation on gene function and protein output	Yale University	CON-80005722 (GR127414)	$53,399	
93.172	High-throughput development and characterization of compact tools for transcriptional and chromatin perturbations			$563,560	
93.172	High-throughput engineering of combinatorial chromatin signals and epigenetic cellular memory			$24,556	
93.172	High-throughput thermodynamic and kinetic measurements for variant effects prediction in a major protein superfamily			$44,063	
93.172	Institutional Training Grant in Genome Science			$987,992	
93.172	Integration of functional data and GWAS to elucidate genetic basis of diseases			$513,532	$252,080
93.172	Investigating Ethical Challenges in Emerging Precision Medicine Research with Disability Communities: The Case of Cerebral Palsy			$117,004	
93.172	Investigating human cis-regulatory evolution with hybrid iPS cells			$785,922	
93.172	Mapping enhancer-gene regulation in single cells to connect genetic variants to target genes and cell types			$412,711	
93.172	Mechanisms of Action of Natural Genetic Variation			$280,843	
93.172	MorPhiC: Constructing a Catalog of Cellular Programs to Identify and Annotate Human Disease Genes			$533,182	
93.172	Multi-Omics DACC: The Data Analysis and Coordination Center for the collaborative multi-omics for health and disease initiative	University of Massachusetts Worcester	PO# WA01494646,Sub0000409	$171,538	
93.172	New methods for constructing and evaluating polygenic scores			$107,844	
93.172	Omics information maximization in single-cell sequencing with hybrid molecular and computational approaches			$408,916	
93.172	PharmGKB: A Critical Knowledgebase for Personalized Medicine			$1,446,604	
93.172	Piloting a standardized psychosocial assessment tool (BATHE) in genetic counseling			$170,985	
93.172	Population genetics for large-scale sequencing studies of diverse populations			$639,261	$378,275
93.172	Predicting context-specific molecular and phenotypic effects of genetic variation through the lens of the cis-regulatory code			$542,548	$83,496
93.172	Predictive modeling of mammalian cell fate transitions over time and space with single-cell genomics			$287,251	
93.172	RegulomeDB: A Resource for the Human Regulome			$572,290	$322,079
93.172	Single-cell Mapping Center for Human Regulatory Elements and Gene Activity			$2,772,247	$1,176,764
93.172	Spatial multiomic mapping of gene function and genetic interactions with CRISPRoff	University of California San Francisco	13881sc	$473,700	
93.172	Stanford Center for Connecting DNA Variants to Function and Phenotype			$1,729,424	
93.172	Stanford Mendelian Genomics Research Center			$3,446,898	$47,863
93.172	Statistical methods for gene regulatory analysis and single cell genomics			$74,736	
93.172	Surfacing values in the economic evaluation of genomic sequencing for diagnosis of children with rare diseases			$125,912	
93.172	Technology Development Coordinating Center - Detecting post-translational modifications in activation and repression domains using direct protein sequencing	Jackson Laboratory	210368-0226-02/ PO720031-SUBC	$48,253	
93.172	The Ethics of Engagement in Patient-Focused Drug Development for Rare Diseases			$245,152	$14,472
93.172	The Stanford Training Program in ELSI Research			$311,162	
93.172	Towards Robust Multiplex Genome Engineering Beyond CRISPR-Cas9			$433,204	
93.173	A CRISPR-based toolkit for investigating hair cell transcription factors in inner ear organoids			$132,014	
93.173	AI-based genetic discovery for hearing loss			$470,065	
93.173	Assembly of the Central Olfactory Networks in Drosophila			$222,115	
93.173	Avian-inspired Regenerative Therapies for Hearing Loss			$184,510	
93.173	Cell surface protein dynamics in neural circuit assembly			$128,205	
93.173	CRCNS: US-Israeli Research Proposal: Deciphering reorganization of multi-regional activity following category learning			$156,318	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.173	Determining how the natural hair bundle stimulations shapes the hair cell receptor current			$388,506	
93.173	Diversification of the mechanotransduction complex in vestibular hair cells			$721,613	
93.173	Engaging new cognitive and motor signals to improve communication prostheses			$880,296	$267,994
93.173	Evaluating the role of epithelial basal cells in laryngeal homeostasis and disease			$388,840	
93.173	Human Ear Cellular Atlas			$909,113	$49,005
93.173	Intuitive, complete neural control of tablet computers for communication	Brown University	00001517	$73,200	
93.173	Investigating stochastic genome folding as a mechanism to generate cell-surface protein diversity required for neural self-avoidance	University of California San Francisco	15161sc	$35,029	
93.173	Investigating the origin and functional properties of immune cells in noise-induced hearing loss	Oregon Health & Science University	1023415_STANFORD	$51,053	
93.173	Investigating the role of lipid membrane in the cochlear hair cell mechanotransduction			$204,612	
93.173	Investigating the role of mechanotransduction machinery and the rootlet in modulating stereocilia motion			$68,009	
93.173	Mechanisms of Mammalian genetic hearing loss	Indiana University	9676-SJU / PO# (PO0655981)	$103,465	
93.173	Mentoring Patient Oriented Research in sensory disorders			$146,435	
93.173	Molecular basis of mammalian cochlear regeneration			$698,007	
93.173	Molecular etiology of virus-induced sensorineural hearing loss			$177,617	
93.173	Molecular Imaging for diagnosis and monitoring of Otitis Media			$452,575	$105,980
93.173	Molecular Mechanisms of Clarin-1 and Clarin-2 function in mechanosensory hair cells	Johns Hopkins University	2006601041	$80,017	
93.173	Mouse and human vestibular regeneration and function			$648,642	$175,820
93.173	Multimodality Micro-Optical Coherence Tomography for Imaging the Functional Microanatomy of the Human Cochlea			$146,916	$78,999
93.173	Otic Guidance			$41,811	
93.173	Regenerative pathways in the avian cochlea			$692,743	
93.173	Single-neuron population dynamics in human speech motor cortex for a speech prosthesis			$887,037	$259,110
93.173	Speaker-listener coupling and brain dynamics during naturalistic verbal communication in children with autism			$30,779	
93.173	Stanford Clinician Scientist Training Program			$319,548	
93.173	Targeting HMGB1 to improve hearing and enhance therapy for NF2 Vestibular Schwannomas	Massachusetts General Hospital	243655	$119,205	
93.173	Vestibular and Visual Control of Eye Movement			$612,430	$142,481
93.173	Vestibular dysfunction in patients with sporadic vestibular schwannomas and NF2-related schwannomatosis	Massachusetts Eye and Ear Infirmary	GR1000985-S02	$13,097	
93.213	A Randomized Trial of a Telehealth-Based Group Yoga Program for Women with Chronic Pelvic Pain Syndrome	University of California San Francisco	15619sc	$21,074	
93.213	Changing Mindsets to Improve Whole Patient Health: A Randomized Controlled Trial of a Novel mHealth Intervention for People Diagnosed with Cancer			$1,088,596	$37,494
93.213	CYP4F Enzymes Regulate N-Acyl Amino Acid Signaling in Humans	Beth Israel Deaconess Medical Center	GRT67123	$8,639	
93.213	Dissection of specialized metabolism in plants using multiplexed perturbation			$116,921	
93.213	Holistic pain care in Military Health System	University of Utah	10070572-02-SU PO U000552170	$15,796	
93.213	Innate Immune Mechanisms Contributing to Cancer Growth in Obesity			$809,488	
93.213	Microbiota-based probiotics to treat inborn errors in metabolism			$816,477	
93.213	NIH Health Care Systems Research Collaboratory - Coordinating Center (U24)	Duke University	303004101	$16,211	
93.213	Ovarian Cancer Survival in African-American Women	Emory University	A359283 / R01 CA237318	$29,734	
93.213	REVEAL - Research Evaluating Vagal Excitation and Anatomical Linkages	University Of Minnesota	N010498804	$194,387	
93.213	Synthetic biology tools for scalable production of medicinal plant terpenes			$234,375	$190,055
93.225	Stanford Health Services Research Training Program			$639,620	
93.226	Applying Human Factors Science and Design Thinking to Mitigate Threats to Neonates Undergoing Resuscitation and Stabilization			$558,759	$52,205
93.226	Covid-19: Long COVID Care Resources and Education to Advance Community Health (REACH)			$983,083	$101,630
93.226	Development and validation of a prediction model to address physician burnout			$170,276	
93.226	Development of SMART on FHIR interoperable clinical decision support for emergency department patients with pneumonia and pilot deployment into novel Epic electronic health record environments	Intermountain Healthcare	2023259	$63,389	
93.226	Diagnosis and management of pediatric tracheostomy-associated infections			$586,118	$311,492
93.226	Effect of Regional Bypass Policies on Stroke Treatment in a National Sample of Medicare Beneficiaries.			$72,356	$24,809
93.226	Identifying Opportunities for Improved Quality of Hypothermia Care in the Newborn Nursery	Children's Hospital of Philadelphia	GRT-00003831/ PO# 20633988/ PO# 20688928	$39,659	$2,050
93.226	Identifying Optimal Pain Management for Elders			$220,860	
93.226	IGNITE (Integrating real-time clinical activity and behavioral responses for characterizing cognitive load and errors)	Washington University in St. Louis	WU-25-0105; PO ST00024435	$48,843	
93.226	Measuring and Understanding Diagnostic Quality from Large-Scale Data			$80,563	$11,696
93.226	Safe and Equitable Telehealth for Chronic Conditions (SafE-T C2)Learning Lab	MedStar Health Research Institute, Inc.	5003108268	$11,078	
93.226	The Epidemiology of Diagnostic Error in Emergency Care in the United States and the Association with Patient Outcomes and Healthcare Costs	Beth Israel Deaconess Medical Center	GRT65919	$21,074	
93.226	Transfusion Recommendations in the Pediatric Intensive Care Unit (TRIP) - (PEDSnet - Pediatric Learning Health System)			$404,468	$138,257
93.233	A quantitative framework for measuring the coordination of central and peripheral body clocks in humans in the real world			$48,862	
93.233	Data-Driven Sleep Biomarkers of Brain Health, Heart Health, and Mortality	Beth Israel Deaconess Medical Center	GRT65047	$195,067	
93.233	Development and validation of a PROMIS-based measure to assess postpartum sleep.			$565,488	$185,813
93.233	Fluorescent polysomnography and MCH neurogenetics			$405.575	
93.233	Sleep deficiency and opioid use/misuse in adolescents following surgery			$461,131	$130,597
93.242	A Big Data Approach Toward the Development of New Quantitative Autism Severity Scores from Existing Instruments	John Carroll University	R15-001	$17,399	
93.242	A Biobehavioral Research Training Program			$441,788	
93.242	A Latin American biobank for large-scale genetics research on severe mental illness	University of California Los Angeles	2000 G YF850 / R01 MH123157	$10,114	
93.242	A Mobile Intervention for Suicide Prevention For Middle-aged And Older Adults After a Suicide-Related Hospitalization	Joan and Sanford I. Weill Medical College of Cornell University	246203-2	$9,441	
93.242	A novel method to resolve the complex genome rearrangements of the large copy number variants (CNVs) associated with psychiatric disorders			$142,802	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.242	A Novel Use of a Sleep Intervention to Target the Emotion Regulation Brain Network and Treat Depression and Anxiety			$1,111,401	$15,739
93.242	A Pilot Effectiveness Trial of Cognitive Processing Therapy Augmented with Suicide Risk Management for Individuals with Comorbid PTSD and Borderline Personality Disorder	Palo Alto University	JK-NIMH-SC-Stanford	$76,336	
93.242	A Portable PET Insert System for Simultaneous TOF-PET and MR Brain Imaging	PETcoil, Inc.	002	$385,343	
93.242	A Pragmatic Latent Variable Learning Approach Aligned with Clinical Practice			$175,127	
93.242	A translational approach for novel molecular targets and mechanisms in the action of a new rTMS therapy	New York University	22-A0-00-1008079/PO M230662964	$154,621	
93.242	ACE-D: Accelerating Cognition-guided signatures to Enhance translation in Depression			$2,815,907	$673,506
93.242	Adolescents' Social Media Management Strategies: Bidirectional Links to Objective Social Media Use and Mental Health Outcomes	University Of Minnesota	SUBA00000313-A011461601	$99,104	
93.242	Advanced Assessment of Auditory-Vocal Affect in Autism with Speech and Music			$26,933	
93.242	An Engineered Bioprinting Platform to Study Neural Migration in Assembloids			$145,602	
93.242	An integrative framework of cognitive control and reward modulation in children with ADHD: from brain dynamics to clinical symptoms			$811,575	$21,888
93.242	Anti-interneuron antibodies in rapid-onset pediatric OCD: clinical generalization and target identification	Yale University	CON-80004001 (GR117735)	$67,211	
93.242	BCI-DEF: Brain Computer Interfaces and Disability: Developing an Inclusive Ethical Framework			$473,927	
93.242	Behavioral and Neuronal Correlates of Human Mood States			$199,050	
93.242	Brain Initiative Resource: Development of a human NeuroElectroMagnetic data Archive and tools Resource (NEMAR)	University of California San Diego	122375137,MP PO S9002551	$5,002	
93.242	Brain-spanning and scale-crossing circuitry mediating drive function and dysfunction			$872,429	
93.242	Characterizing cognitive control networks using a precision neuroscience approach			-$1,370	
93.242	Chronic Axon Hypofunction in Maternal Immune Activation Models of Neurodevelopmental Disorders			$96,487	
93.242	Circuit Mechanisms Governing the Default Mode Network	University of North Carolina at Chapel Hill	5120592	$368,174	
93.242	Combined Dialectical Behavior Therapy and Digital Cognitive Behavioral Therapy for Insomnia for Adolescents at High Risk for Suicide: A Pilot RCT			$187,530	
93.242	Confirming the effectiveness and efficacy of Guided Self-Help Family-based Treatment for adolescent Anorexia Nervosa			$780,282	$199,051
93.242	Confirming the Efficacy/Mechanism of Family Therapy for Children with Low Weight Avoidant/Restrictive Food Intake Disorder (ARFID)			$714,937	
93.242	Covid-19: Telehealth 2.0: Evaluating effectiveness and engagement strategies for asynchronous texting based trauma focused therapy for PTSD			$839,156	$466,768
93.242	CRCNS US-France Research Proposal: Probing the Dorsolateral Prefrontal Cortex andCentral Executive Network for Improving Neuromodulation in Depression			$240,724	
93.242	Data-driven validation of cognitive RDoC dimensions using deep phenotyping			$839,783	
93.242	Developing a Quantitative Assessment Tool for Characterizing Social Domains			$722,645	
93.242	Effects of Early Life Stress and Sleep Disturbance on Frontolimbic Development and Risk for Depression Across Adolescence			$76,016	
93.242	Efficacy of biomarker-guided rTMS for treatment-resistant depression	Weill Cornell Medical College	225169 / 227203	$355,458	
93.242	Efficacy of digital cognitive behavior therapy for insomnia for the prevention of perinatal depression	University of California San Francisco	13691sc	$40,714	
93.242	Emotion Reactivity, Cognitive Reappraisal, and Suicidal Ideation In Middle-aged and Older Adults at High Suicide Risk	Joan and Sanford I. Weill Medical College of Cornell University	234910	$23,616	
93.242	Engagement and clinical impact of the Teleo virtual therapy platform in clinical settings	MainSquare CO	NA	$187,344	
93.242	Engineered AAV identification, validation, and dissemination pipeline for brain cell type-specific manipulation across species	California Institute of Technology	S539154	-$2,635	
93.242	Examining Mu Opioid Mechanisms of Ketamine's Rapid Effects in OCD			$670,134	
93.242	Examining the hierarchical structure of the RDoC framework using large-scale data-driven computational approaches			$639,321	
93.242	Expansion and assessment of the sexual and gender minority adverse childhood experiences measure: measurement equivalence at the intersection of sexual and gender identity.	University of Texas at Austin	UTAUS-SUB00001416	$16,302	
93.242	Foundation Models for Human Neuroimaging with Applications to Psychiatric Disorders			$90,425	
93.242	Function of Neurexins			$363,505	
93.242	Functional circuit dissection of the Hcrt system	Central Michigan University	F65475	$98,254	
93.242	Functionally guided adult whole brain cell atlas in human and NHP	Allen Institute	2024-0178	$222,317	
93.242	Gaining insight into psychiatric disease by engineering piece by piece the human brain in vitro.			$252,200	
93.242	Genetics at an extreme: an efficient genomic study of individuals with clinically severe major depression receiving ECT	National Network of Depression Centers	180107	$3,920	
93.242	HCP-2.0: Ascertaining Network Mechanisms and Analytics of Emotional Dysfunction (HARMONY)	University of Pennsylvania	Subaward 588680 / PO# 5669264	$224,474	
93.242	How cerebrospinal fluid (CSF) potassium influences development of brain excitation-inhibition balance			$738,531	
93.242	Identification of Epigenetics Correlates between Brain and Peripheral Tissues			$663,697	$54,718
93.242	Identification of metabolic alterations during cortical development in a human cellular model for 22q11.2 deletion syndrome			$726,948	
93.242	Identifying causal genetic variants and molecular mechanisms impacting mental health			$720,932	
93.242	Implementing Family-Based Treatment for Adolescent Anorexia Nervosa for Providers in Private Practice: A Feasibility Study			$41,845	$41,845
93.242	Improving Access and Treatment for Co-occurring Opioid Use Disorders and Mental Illness	Rand Corporation	SCON-00000723	$14,919	
93.242	Induced neuronal cells: A novel tool to study neuropsychiatric diseases			$836,009	
93.242	Integrated, cell type specific functional genomics analyses of regulatory sequence elements and their dynamic interaction networks in neuropsychiatric brain tissues			$80,394	
93.242	Integration of markers across physiologic, behavioral, and self-report levels at baseline and in response to treatment to characterize novel subtypes in youth with ADHD			$106,394	
93.242	Integrative computational models of latent behavioral and neural constructs in children: a longitudinal developmental big-data approach			$393,133	$43,779
93.242	Intracranial Investigation of Neural Circuity Underlying Human Mood	Baylor College of Medicine	P700001315	$107,795	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.242	Investigating the neural mechanisms of repetitive brain stimulation with invasive and noninvasive electrophysiology in humans			$787,167	$472,254
93.242	Large-scale calcium and voltage imaging to illuminate neural mechanisms of visual experience			$73,081	
93.242	Largescale meta-analysis of functional MRI data	University of Texas at Austin	UTA19-000290, UTAUS-SUB00001634	$13,929	
93.242	Latrophilin Function in Synapse Formation: Relation to ADHD			$915,941	
93.242	Leveraging Large Language Models and Machine Learning Algorithms to Assess Depression and Anxiety Symptoms and Risks for Patients with Cardiovascular Disease or Diabetes Mellitus			$108,384	
93.242	Mapping Neural Circuit Activity Mediating MDMA's Prosocial Effect			$590,020	
93.242	Mechanistic circuit markers of transcranial magnetic stimulation outcomes in pharmacoresistant depression			$246,963	$247,384
93.242	Mechanistic Principles of SNARE Disassembly in Neurotransmitter Release			$36,860	
93.242	microRNA tuning of gregarious versus antisocial behavior in juveniles			$95,833	
93.242	Molecular tools for precise manipulation of defined synaptic connections			$1,552,979	
93.242	Neural circuit dynamics of spatial reward memory			$134,697	
93.242	Neural circuits of frustration			$153,040	
93.242	Neuropeptide S in arousal			$432,175	
93.242	Neuroscience Research Training			$576,311	
93.242	Next generation in-vivo diffusion imaging at submillimeter resolution			$401,074	$16,778
93.242	Next-generation spatial -omics: High-throughput, single-molecule proteomic imaging with subcellular resolution	California Institute of Technology	S622430	$225,731	
93.242	NIPreps: integrating neuroimaging preprocessing workflows across modalities, populations, and species			$456,458	$197,231
93.242	Novel Quality Measures for Primary Care Management of Attention-Deficit/Hyperactivity Disorder			$263,028	
93.242	OpenNeuro: An open archive for analysis and sharing of BRAIN Initiative data			$2,027,086	$173,653
93.242	Optimization of genetically encoded voltage and neurotransmitter indicators for multiwavelength in vivo analysis of brain circuits	Max Planck Florida Corporation	Stanford2024LT7, PO# 53807	$762,821	
93.242	Optimized methods for measuring brain excitability in depression			$125,927	
93.242	Organizing Principles of the Neural Circuits for Social Interaction			$900,100	
93.242	Precise neuromodulation for encoding reward in the hippocampus			$645,019	
93.242	Predictive Functions and Neural Mechanisms of Spontaneous Cortical Activity			$203,545	
93.242	Psychobiological Mechanisms Underlying the Association Between Early Life Stress and Depression Across Adolescence			$622,735	
93.242	Psychosis Risk Evaluation, Data Integration and Computational Technologies (PREDICT): Data Processing, Analysis, and Coordination Center	Brigham and Women's Hospital	124050	$153,542	
93.242	Research Training for Child Psychiatry and Neurodevelopment			$373,755	
93.242	SCH: Advancing Language-based Analyses of Social Media to Reliably Monitor Variation in Population Mental Health	Stony Brook University State University of New York	90077/2/1165626	$68,368	
93.242	SCH: Training Mental Health Supporters with Virtual Patients and Automated Feedback	Carnegie Mellon University	1090827 - 492235	$5,705	
93.242	Secondary Histologic Analysis of TUS Studies			$14,523	
93.242	Serotonergic modulation of aggressive and prosocial behaviors			$401,533	
93.242	Sex hormone effects on neurodevelopment: Controlled puberty in transgender adolescents			$510,580	
93.242	Sex hormones and post-traumatic stress disorder (PTSD)			$331,261	$47,850
93.242	Simultaneous high-throughput functional, transcriptomic and connectivity profiling using FUNseq			$418,366	
93.242	Single molecule studies of SNARE-induced vesicle fusion			$424,611	
93.242	Sleep Disturbance and Emotion Regulation Brain Dysfunction as Mechanisms of Neuropsychiatric Symptoms in Alzheimer's Dementia			$1,210,149	
93.242	Small molecule regulation of endogenous transcription factors for circuit-specific neuromodulation			$1,873	
93.242	Social factors in the mental health of young adults: Bridging psychological and network analysis			-$78,119	
93.242	Step 1 in Designing Appropriate Shams and Controls in Human TUS			$1,027,724	
93.242	STudents RIsing aboVE: Offsetting the health and mental health costs of resilience	University of California Los Angeles	08750000116267	$15,840	
93.242	Study of a PST-Trained Voice-Enabled Artificial Intelligence Counselor (SPEAC) for Adults with Emotional Distress	University of Illinois at Chicago	19127	$25,300	
93.242	Synaptic protein composition and localization in individuals with schizophrenia			$206,597	
93.242	Target Engagement of a Novel Dissonance-Based Treatment for DSM-5 Eating Disorders R33 Phase			$69,732	$27,836
93.242	Teneurin-3 and Latrophilin-2 in circuit-wide topographic target selection of the extended hippocampal network			$8,939	
93.242	Thalamic Circuits for Prosocial Behaviors in Mice			-$19,136	
93.242	The Career Development Institute for Psychiatry (2R25)	University of Pittsburgh	AWD00005793 (138047-2)	$16,153	
93.242	The Center for Responsible and Equitable AI-Based Technology Evolution			$4,102	
93.242	The Dynamics of Neural Representations for Distinct Spatial Contexts and Memory Episodes			$696,134	
93.242	The Effects of Stanford Accelerated Intelligent Neuromodulation Therapy on Explicit and Implicit Suicidal Cognition	Magnus Medical, Inc.	MMI-2022-003-Stanford	$15,939	
93.242	Theta burst modulation of hippocampal-cortical rhythms in schizophrenia			$17,333	
93.242	Towards elucidating PTSD pathogenesis with ultra-portable and low-costneuroimaging			$106,188	
93.242	Trans-Ancestry Genomic Analysis of Obsessive-Compulsive Disorder (H-49814)	Baylor College of Medicine	PO #P500035121 #P500135249	$2,311	
93.242	Understanding the multilevel impact of racism on suicidal thoughts and behaviors among Black children with ADHD: Intersectionality, Risk, and Protective Factors	Ann & Robert H. Lurie Children's Hospital of Chicago	A24-0120-S005	$16,564	
93.242	Unified, Scalable, and Reproducible Neurostatistical Software	New York University	F2407-02/PO iB00769852	$160,466	
93.242	User-friendly open-source pipeline for anatomically precise analysis of single-trial M/EEG	McMaster University	20025953-1	$46,996	
93.242	Utilizing changes in human brain connectivity to establish a dose-response relationship involved in the therapeutic actions of prefrontal brain stimulation on depression symptoms			$129,413	
93.243	Mental Health Technology Transfer Center (MHTTC) National Coordinating Center (NCC			$170,413	$67,028
93.243	National Center for Mental Health: Dissemination, Implementation, and Sustainment			$3,328,460	$2,177,485
93.250	Geriatrics Academic Career Award Program			$89,215	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.273	A Female-Specific Cognitive Behavioral Therapy Group for Alcohol Use Disorder in VA Primary Care Settings	University of Massachusetts	SUB00000373 // PO WA01485239	$35,690	
93.273	A Pilot Trial to Prevent Intoxicated and Impaired Driving Among Adolescents			$171,400	$99,492
93.273	A SMART evaluation of an adaptive web-based AUD intervention for service members andtheir partners			$890,654	$341,269
93.273	A Telehealth Intervention to Increase Screening and Treatment for Alcohol Use Disorder	Ria Technology Management Inc.	SPO 251736	$200,283	
93.273	Alcohol: A Modifiable Risk Factor for Ataxia and Decline in MCI			$883,264	$365,669
93.273	CNS Deficits - Interaction of Age and Alcholism	SRI International	PO61769	$282,104	
93.273	Compounded Neuronal Damage in Comorbid Cigarette Smoking and Addiction	Indiana University	IN4687305SU / PO0511706	$80,664	
93.273	Defining Phenotypes of Alcohol-Associated Liver Disease with Acute Hepatic Decompensation			$244,259	
93.273	Dosing by design and tailoring the target: Optimizing TMS for AUD.			$147,763	
93.273	Ethanol and aldehyde dehydrogenases in health and disease			$679,951	
93.273	Extended amygdala corticotropin-releasing factor circuits mediating sex-specific impacts of early life stress on alcohol sensitivity			$41,586	
93.273	HIV & Alcohol Research center focused on Polypharmacy (HARP)	Yale University	CON-80003832 (GR117457)	$93,893	
93.273	Improving alcohol and substance use care access, outcomes, and equity during the reproductive years: A Type 1 Hybrid Trial in Family Planning Clinics	Emory University	A1086584	$77,646	
93.273	Informing alcohol policy: The impact of evidence-based alcohol warnings on consumption	University of North Carolina at Chapel Hill	5129332	$120,575	
93.273	Integration of Cognitive Processing Therapy and Relapse Prevention for Alcohol Use Disorder and Co-Occurring PTSD: A Randomized Clinical Trial	Texas A&M University	M2401821	$53,597	
93.273	Longitudinal Study of Recovery: Psychosocial Functioning, Relapse, and Neuro-Behavioral Markers	Virginia Tech	412710-19751	$20,553	
93.273	NCANDA: Data Analysis Resource			$1,341,461	$702,558
93.273	Non-alcoholic beverages: A foundational assessment of their potential utility in reducing alcohol use			$121,125	
93.273	Personalized Integrated Alcohol and Sexual Assault Prevention among College Students	Georgia State University	SP00015075-03	$19,422	
93.273	Project THRIVE: Testing an app-based early intervention to reduce alcohol use and PTSD after sexual assault	University Of Washington	UWSC14853/PO-0100044658	$41,001	
93.273	Testing the efficacy of a CBT-enhanced text message intervention to reduce symptom burden in individuals with post-traumatic stress disorder symptoms and co-occurring hazardous drinking	University Of Washington	UWSC13328,BPO 61190	$34,787	
93.273	Tracking HIV Infection and Alcohol Abuse CNS Comorbidity with Neuroimaging	SRI International	88723	$220,995	
93.273	Understanding and testing recovery processes for PTSD and alcohol use following sexual assault	University Of Washington	UWSC11653; BPO 45799	$76,195	
93.273	Using ecological momentary data to inform a web-intervention for romanticpartners concerned about their loved ones' drinking			$256,305	$143,480
93.273	Vinpocetine mediation of prior fetal alcohol exposure			$67,765	$617
93.279	A comprehensive dissection of cell types, circuits and molecular adaptations during opioid use	University of North Carolina at Chapel Hill	5121156	$233,054	
93.279	A patch versus matrix circuit dissection of opioid abuse			$188,501	
93.279	Advanced Nucleation Technologies for Membrane Protein Crystallization to Accelerate Structure-Based Drug Design	DeNovX	SPO 250820/2R44DA047146-02	$103,357	
93.279	Alaska Native Family-Based, Financial Incentives Intervention for Smoking Cessation: an RCT	Mayo Clinic	BOA-297565-02 P001187130	$11,776	
93.279	Allosteric modulation of the mu-opioid receptor-Segment B	University of Michigan	SUBK00011171 // 3006153540	$47,999	
93.279	Cannabis, Depression and Neurobiological Function in Transition-Age Youth			$63,654	
93.279	Center for Dissemination and Implementation At Stanford (C-DIAS)			$3,164,478	$1,753,284
93.279	Characterizing brain dynamic biomarkers of fentanyl using intracranial and high-density electroencephalogram in humans			$872,788	$479,587
93.279	Deep TMS Neuromodulation of Neural Circuits Associated with Stimulant Use Disorder			$265,855	$82,438
93.279	Developing biomarker signatures of pain and pain sensitization to facilitate neonatal pain management	University of South Florida	8880-0384-00-A; PO# P000040507	$144,013	
93.279	Developing novel technologies to monitor nociception and opioid administration during surgery and general anesthesia in order to minimize post-operative opioid requirements	Pascall Systems, Inc.	SPO 327728	$172,295	
93.279	Developing small molecules to engage an analgesic GPCR in pain unpleasantness neural circuits	University of North Carolina at Chapel Hill	5134732 (P01), P02	$10,764	
93.279	Effect of pain catastrophizing on prescription opioid craving			$10,846	
93.279	Effectiveness, Implementation, and Cost of Cognitive Processing Therapy in Prisons	University of Arkansas for Medical Sciences	56213 // PO SPC-009838	$24,358	
93.279	Evaluating the Cost-Effectiveness of Scaling Long-Acting Injectable PrEP Among PWID	Weill Cornell Medical College	251360-13/5 P30 DA040500-10	$359	
93.279	Evaluation of the Smart Talk: Cannabis Awareness and Prevention Curriculum			$37,341	
93.279	Examining geospatial and temporal patterns of opioid overdoses and opioid treatment deserts in California			$41,997	
93.279	Families left behind: Addressing prolonged grief and substance use disorders among people bereaved by drug overdose deaths			$246,830	$93,079
93.279	Feasibility, acceptability and efficacy of the Cannabis Awareness and Prevention Toolkit			$29,469	
93.279	HD2A Research Adoption Support Center (RASC)			$3,415,610	$2,146,755
93.279	HEAL Data2Action Modeling and Economic Resource Center	Weill Cornell Medical College	242224/5U24 DA057650-03, 232109-1	$27,989	
93.279	Integrating Tailored Postoperative Opioid Tapering and Pain Management Support for Patients on Long-Term Opioid Use Presenting for Spine Surgery (MIRHIQL)			$767,983	$301,037
93.279	Interdisciplinary Research Training in Pain and/or Substance Use Disorders			$554,139	
93.279	Interpretable Deep Forecasting of Hazardous Substance Use during High School			$560,124	$153,161
93.279	Making Better Decisions: Policy Modeling for AIDS and Drug Abuse			$642,997	$263,782
93.279	Medication for Opioid Use Disorder, Predictability of Retention vs Attrition	Oregon Health & Science University	1017225-005_STANFORD_C4	$213,412	
93.279	Mentoring the next generation of substance use, HIV, and epigenetic researchers in sexual and gender minority health			$97,785	
93.279	Modes of Cannabis Administration and Polysubstance Use among Women Before and During Pregnancy	Kaiser Foundation Research Institute	RNG212780-STAN-03	$35,580	
93.279	Modulation of protracted opioid withdrawal by dorsal raphe dynorphin neurons			$43,201	
93.279	Multimodal profiling and spatial mapping of cell types mediating opioid withdrawal			$853,944	$372,402
93.279	Multivariate Machine Learning to Characterize Opioid-induced Alterations in the Brain in Chronic Pain			$183,798	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.279	Neural Circuit Dynamics of Drug Action			$2,535,564	
93.279	Neural circuit mechanisms of drug-context associations in the hippocampus			$121,003	
93.279	Onsite PTSD Treatment to Improve MOUD Outcomes (OPTIMO): a hybrid Type 1 effectiveness-implementation trial of harm reduction PTSD care at syringe service programs	City University of New York	CM00013358-00	$70,542	
93.279	Participatory System Dynamics vs Audit and Feedback: A Cluster Randomized Trial of Mechanisms of Implementation Change to Expand Reach of Evidence-based Addiction and Mental Health Care	Palo Alto Veterans Institute for Research	ZIM0002-01	$9,711	
93.279	Prevention Research Center: Parenting Among Women Who Are Opioid Users	University of Oregon	217300F	$74,317	
93.279	Prospects for hepatitis C elimination in networks of people who inject drugs through improvements in the care continuum			$94,495	
93.279	Rapid Actionable Data for Opioid Response in Kentucky (RADOR-KY)	University of Kentucky Research Foundation, The	PO7800007731 3210003221-25-140	$85,443	
93.279	Reducing Overdose and Suicide Risk in Individuals with OUD and Co-occurring Disorders	Rand Corporation	SCON-00000609	$19,138	
93.279	Reducing racial disparities in the treatment of opioid use disorder using machine learning-based causal analysis			$201,548	
93.279	Research and Mentoring in Innovative Patient Oriented Pain and Opioid Science			$161,046	
93.279	Single Session Pain Catastrophizing Class: Efficacy & Mechanisms for Reducing Opioid Use Among Chronic Pain Patients			$12,524	
93.279	Spatiotemporal signaling and trafficking of the mu-opioid receptor			$729,879	$268,286
93.279	SPRINT: Signature for Pain Recovery IN Teens			$1,854,533	$751,091
93.279	Stagewise Implementation-To-Target- Medications for Addiction Treatment (SITT-MAT)			$737,731	$332,272
93.279	Structure-based design of mu-opioid receptor agonists	Washington University in St. Louis	WU-25-0137 ST00026197	$254,201	
93.279	Substance use and DNA methylation at the intersection of sex and gender.	University of California San Francisco	12802sc	-$82	
93.279	Targeted Realtime Assessment of Chronic Pain (TRAC-Pain) in Youth			$471,930	
93.279	Testing a multistage model of risk factors for cannabis use utilizing a measurement burst design among sexual minority women, sexual minority gender diverse individuals, and heterosexual women	Ohio State University	SPC-1000012017, GR132176	$42,795	
93.279	Thalamic Circuits Underlying Opioid Seeking			$347	
93.279	The Addiction Health Services Research (ASHR) conference	University of Wisconsin-Madison	0000003657	$4,000	
93.279	The Comparative Effectiveness and Safety of Pharmacotherapies for the Treatment of Opioid Use Disorder in Pregnancy	Brigham and Women's Hospital	GR0131725-S02	$91,531	
93.279	The Emergency Department Longitudinal Integrated Care (ED-LINC)Effectiveness Randomized Trial Targeting Opioid Use and Related Comorbidity from the ED	University Of Washington	UWSC13413/PO-0100022449	$4,535	
93.279	The Impact of Discontinuing Medications for Opioid Use Disorder After Surgery: Evaluating Predictors and Outcomes to Guide Perioperative Care			$50,347	
93.279	The structural basis for pathway-selective signaling by the opioid receptor			$705,053	$178,663
93.279	The Use of Novel Linked Databases to Reduce Postoperative Opioid Use Among Patients Undergoing Inpatient Surgery			$570,855	$476,933
93.279	Tracking the opioid epidemic with social media: an early warning system			$122,064	
93.279	Understanding the Mechanistic Interrelationship between Sleep, Co-Occurring Cannabis and Alcohol Use Disorder, and Neurocircuit Dysfunction during Early Abstinence	Palo Alto Veterans Institute for Research	PAD0006-01	$80,275	
93.279	Western States Node of the National Drug Abuse Treatment Clinical Trials Network	Oregon Health & Science University	1017225_STANFORD, 1025936	$232,677	
93.286	A machine learning ultrasound beamformer based on realistic wave physics for high body mass index imaging	University of North Carolina at Chapel Hill	5121302 / R01 EB02919	$53,418	
93.286	A single-cell and cell-type resolution artificial retina for vision restoration	Massachusetts General Hospital	244157	$742,614	$316,485
93.286	Absolute Brain Thermography using Multinuclear MRI	New York University Grossman School of Medicine	23-A1-00-1009588 / OA#4974	$47,232	
93.286	An acquisition and reconstruction framework to enable mesoscale human fMRI on clinical 3 Tesla scanners			$180,297	$181,509
93.286	Anatomically Guided Sodium MRI: Accurately Monitoring Chronic Ion Pump Dysfunction in the Human Brain			$417,701	
93.286	Assessment of Bone Metabolism After Localized Mechanical Loading			-$6,695	
93.286	B7-H3 Targeted Ultrasound Molecular Imaging System for Early Breast Cancer and Metastatic Detection			$638,855	
93.286	Cancer Classifiers Based on RNA Sensors in Living Cells			$212,762	
93.286	Center for Mesoscale Mapping Project 2: Acquisition technology for in vivo functional and structural MR imaging at the mesoscopic scale	Massachusetts General Hospital	237185 / P41 EB030006	$76,937	
93.286	Chemical probes for imaging and treatment of otitis media			$11,422	
93.286	Combinatorial engineering of a three-cell synthetic immunotherapy system			$178,274	
93.286	Combinatorial Engineering of Multicellular Synthetic Immunotherapy Systems			$4,087	
93.286	CRCNS US-France-Israel Research Proposal: A personalized approach to brain stimulation			$433,225	
93.286	CRCNS: Crossbeam Transcranial Ultrasound Technology to Stimulate the Deep Brain			$5,175	
93.286	Development of A Focused Ultrasound Device for Noninvasive, Peripheral Nerve Blockade to Manage Acute Pain			$644,185	
93.286	Development of bio-integrated devices to enhance transplant survival for subcutaneous encapsulated cell therapies			$62,551	
93.286	Development of compact and high efficiency MR-compatible switching power amplifiers for multi-coil shim and gradient arrays			$37,281	
93.286	Dual layer x-ray detector for coronary artery calcium scoring	University of California Santa Cruz	A22-0655-S001	$243,268	
93.286	Dual orthogonal fluorescent protease sensors for image guided surgery			$226,014	
93.286	Enabling clinical tissue microstructure imaging as a diagnostic tool in wide-bore 3T MRI	General Electric Company	PO 500000296	$18,687	
93.286	Enabling the Next Generation of High Performance Pediatric Whole Body MR Imaging			$188,290	$62,953
93.286	Exosome separation and digital resolution detection of blood-based nucleic acid biomarkers for noninvasive therapeutic diagnostics in cancer	University of Illinois at Urbana Champaign	100817-18111 / R01 EB029805	$44,119	
93.286	Exploring concepts in nanophotonics and metamaterials to create a 'super-scintillator' for time-of-flightpositron emission tomography			$31,259	
93.286	Fast 3D multi-functional imaging of cellular activities in deep tissue	University of Arizona	732208/1R56EB034921-01	$84	
93.286	Fast and robust quantitative MRI with tissue-susceptibility mapping of the human brain			$107,043	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.286	Fast Multi-Functional 3D Imaging of Cellular Activities in Deep Tissue	University of Arizona	777310	$204,312	
93.286	fMRI Technologies for Imaging at the Limit of Biological Spatiotemporal Resolution	Massachusetts General Hospital	236792 / R01 EB019437	$77,303	
93.286	Focused kV X-ray Modulated Conformal Radiotherapy for Small Targets			$39,253	
93.286	Generation of highly selective activity based probes using chemically modified phage			$54,607	
93.286	Hatching Organoids for Continuous Tissue Production Pipelines			$133,405	
93.286	High-Resolution Breast MRI at 3.0T			$16,678	
93.286	Imaging human brain oxygenation and oxygen metabolism dynamics	University of California Davis	A22-0970-S001	$144,496	
93.286	Imaging of Pain Sources in Myofascial Pain Syndrome			$501,419	$37,791
93.286	Improving the dose efficiency of photon counting CT	Mayo Clinic	BOA-330751/P002345654	$39,425	
93.286	In vivo PET imaging of novel engineered AAVs informs capsid design			$41,864	
93.286	Injectable hydrogels for hiPSC-neuron therapy of spinal cord injury			$163,866	
93.286	Investigation of nanobubble nucleation during radiation therapy			$195,173	
93.286	Low Cost 3D Ultrasound	SonoVance, Inc.	277993	$128,446	
93.286	Low-cost, handheld light sheet microscope for guiding anal cancer diagnosis	University of Arizona	610659	$4,208	
93.286	Mobilize Center: Models for Mobile Sensing and Precision Rehabilitation			$1,662,180	
93.286	Molecular Imaging of Pyruvate Kinase M2			$138,075	
93.286	MR/PET Motion Correction from Coil Fingerprints			$249,224	$159,319
93.286	Multi-Disciplinary Training Program in Cardiovascular Imaging at Stanford			$333,840	
93.286	Multipoint contact pressure for haptic sensory prostheses			$119,905	
93.286	New tools for tracking single cells in vivo			$104,388	
93.286	Osteoarthritis: Quantitative Evaluation of Whole Joint Disease with MRI			$850,058	$111,288
93.286	Pediatric volumetric ultrasound scanner			$403,018	$179,992
93.286	PET tracer for imaging senescence			$210,649	
93.286	Probe-based light sheet microscopy (pLSM) for screening of anal cancer	University of Arizona	792842	$77,693	
93.286	Rapid and Robust Pediatric MRI			$486,805	$149,120
93.286	Rapid Robust Pediatric MRI			-$1,120	-$1,120
93.286	Real time non-invasive monitoring of endotracheal tube placement and 3D lung monitoring in infants using electrical impedance tomography	Colorado State University	G-70007-02	$94,887	
93.286	SCH: A Virtual Surgery Simulator to Accelerate Medical Training in Cardiovascular Disease			-$3,255	
93.286	Skin-like wearable biosensors for multimodal mental health biomarker monitoring			$60,387	
93.286	Stanford Biodesign/Bioengineering Clinical Need Identification Bootcamp for Undergraduates			$15,608	
93.286	Stanford's Translational Biomedical Imaging Instrumentation (TBI2) Training Program			$191,728	
93.286	Three-dimensional imaging of radiopharmaceutical distribution in multicellular organism at cellular resolution	University of Wisconsin-Milwaukee	243405633	$16,210	
93.286	Translation and Validation of a Radiofrequency-Penetrable PET insert for Simultaneous PET/MRI imaging of Neurological Disorders			$661,563	$151,627
93.286	Tumor-targeted delivery and cell internalization of theranostic gadolinium nanoparticles for image-guided nanoparticle-enhanced radiation therapy			$75,563	
93.286	Ultraprecision Positron Emission Tomography (PET) via Picosecond Optical Detection			$38,411	
93.286	Ultrasound-Interrogated Implantable Sensor for Intracranial Pressure Monitoring			$9,108	
93.286	VINE Catheter: Soft, Tip-extending, Robotic Catheters with Shape Control for Endovascular Surgery	University of California San Diego	705614/PO# KR705614	$86,554	
93.286	Wireless MRI Receive Arrays: Incorporating UWB Data Links and Vitals Sensing			$607,713	
93.286	XAI-TRUST: Explainable AI Techniques to Rigorously Understand, Scrutinize, and Trust Clinical AI	University Of Washington	UWSC15591; PO-0100101496	$96,808	
93.307	A Promotora-centric Community Collaborative to Improve Connections to Mental Health Services			$1,256,961	$45,268
93.307	Common and Distinct Influences of Prenatal and Postnatal Early-Life Adversity on Epigenomic Trajectories in Mexican American Children	University of California Berkeley	00011196/R01MD016595BB 02004613	$198,070	
93.307	Elucidating lung cancer etiology among Asian American female never smokers	University of California San Francisco	11984sc	$2,455	
93.307	Epigenomic mechanisms of risk and resilience: The role of parenting	University of Rhode Island	10371/03122024 PO 0000210984	$30,392	
93.307	Expanding a culturally relevant model of sexual minority tobacco use: the impact of identity	University of Texas at Austin	UTAUS-SUB00000912/ Amendment 1	$3,045	
93.307	Hospital quality, Medicaid expansion and racial/ethnic disparities in maternal mortality and morbidity	University Of South Carolina	21-4270; PO# 2000056288	$17,801	
93.307	Immigrant Families and Childrens Health: The Intergenerational Health Impact of Federal and State Immigration Policy			$22,940	$42,189
93.307	Implementing Scalable, PAtient-centered Team-based Care for Adults with Type 2 Diabetes and Health Disparities (iPATH)			$909,658	$625,672
93.307	Increasing Medicaid Acquisition and Sustainment among the Uninsured			$795,381	
93.307	Leveraging Ethnic Anotia-microtia Disparities for Discovery (LEADD) Study	Baylor College of Medicine	PO P700000444	$11,495	
93.307	Leveraging IT for Neighborhoods in Childhood			$368,200	
93.307	Machine Learning Models of Appropriate Medevac Utilization in Rural Alaska			$171,633	
93.307	Race/Ethnicity, DNA Methylation, and Disparities in Cardiovascular Mortality: NHANES 1999-2002	University of Michigan	3004739345 / R01 MD011721	$77,447	
93.307	Revealing and Resolving Institutional Racism in the NICU			$762,160	
93.307	Sexual Assault Recovery Among Sexual Minority Women: A Longitudinal, Multi-Level Study	University Of Washington	UWSC14720/PO-0100035290	$20,296	
93.307	The ADELANTE Trial: Testing a multi-level approach for improving household food insecurity and glycemic control among Latinos with diabetes			$1,178,936	$141,456
93.307	Toxic substances in the environment	University of California Berkeley	P42ES004705/00011247BB 01676353, BB01673009	$161,291	
93.310	4DN Interrogation of T Cell Exhaustion in Cancer			$539,877	
93.310	A Framework for the Social Impact of Algorithms in Health Care			$1,654,590	
93.310	A Global Map of Interactions Among All Human Cell Surface Proteins and Secreted Ligands	California Institute of Technology	S586569	$278,128	
93.310	A Novel Class of Synthetic Receptors to Empower the Age of mRNA Therapies			$179,392	
93.310	A single cell pooling framework for deciphering the regulatory wiring of allergy in pathophysiologic contexts			$218,394	
93.310	All of Us Research Program National Sexual and Gender Minority Engagement Network			$1,094,560	$125,283
93.310	Building the foundations of commensal vaccines			$611,374	
93.310	Closing the loop: development of real-time, personalized brain stimulation			$119,530	
93.310	Combinatorial Cell State Engineering			$1,464,600	
93.310	Covid-19: Monitoring COVID-19 and Building Capacity with Northern Plains Tribes for the Future of Pandemics.			$9,633	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.310	Covid-19: Pandemic preparedness for underserved persons in the US: Harnessing data from the RADx-UP consortium to assess public health tools for resource allocation			$228,049	
93.310	Creating high-resolution, epitope-focused vaccines			$1,100,777	
93.310	Deciphering the lipid composition of primary cilia in human metabolic disease			$447,082	
93.310	Defining the Human Metabotype [Human metabolic status defined through genetic, diet,environmental exposure and exercise perturbations]	University of California San Diego Foundation	707268	$193,662	
93.310	Engineering and Imaging 3D genome structure-function dynamics across time scales	University of Pennsylvania	587944/PO# 5350822	$144,125	
93.310	Enhancing the RADx Hub for data FAIRness			$11,144,919	$7,124,300
93.310	Glioma Circuitry: Bridging Systems Neuroscience and Cancer			-$22	
93.310	Harnessing the chromatin conformational code for epigenetic regulation			$452,138	
93.310	High dimensional atlas of circulating neutrophils as reporters of solid organ functional status			$355,290	
93.310	HuBMAP HIVE: Indiana University Mapping Component	Indiana University	9422 // PO0892757	$130,000	
93.310	Innovations and mechanisms in tumor subcellular metabolism			$516,469	
93.310	Integrating 4DN data to identify functional rare variants in UDN and GTEx			$25,902	
93.310	Live-cell multiplex super-resolution imaging of chromatin state transitions (U01 Clinical Trial Not Allowed)			$712,043	
93.310	Manipulating and Interrogating Spatial Transcriptomics			$1,078,676	
93.310	Midwest Murine-Tissue Mapping Center (MM-TMC) - Data Analysis Core	University Of Minnesota	P010409604 / U54 AG079754	$4,258	
93.310	Multimodal histologic atlas of human bone marrow			$1,762,518	$240,623
93.310	OCT as a Platform for Non-Invasive Virtual H&E Biopsy			$465,676	
93.310	Optogenetic Functional MRI to Mechanogenetic Functional Ultrasound			$733,137	
93.310	Role of Innate Immune Dysregulation in the Etiology of Dementia			$735,463	
93.310	Stanford MoTrPAC Bioinformatics Core - Infrastructure, Integration and Analytics			$2,646,522	
93.310	Stanford MoTrPAC Site for Genomes, Epigenomes and Transcriptomes			$753,047	
93.310	Stanford Tissue Mapping Center - HubMAP			$2,443,940	$487,690
93.310	Stanford-SLAC CryoET Specimen Preparation Service Center (SCSC)			$2,075,337	
93.310	Structure and Pharmacologic Modulation of the Mitotic Chromosome's Central Axis			$365,795	
93.310	Synergizing Common Fund Data from MoTrPAC and LINCS for the Discovery of Novel Exercise Mimetic Drugs			$272,307	
93.310	The Broad-LMM-Color Genome Center for All of Us	Broad Institute Inc.	5008190-5500002869	$263,316	
93.310	The Stanford SLAC CryoEM Center			$98,666	
93.310	Towards Foundational 3D In Silico Models of Whole Mouse Embryogenesis			$346,314	
93.310	Trillion cell culture to fuel organ biofabrication			$415,658	
93.310	UniProt Partnerships With Common Fund Data Ecosystem Resources for Protein-Centric Data Re-Use and Functional Genomics	University of Delaware	UDR0000652	$152,646	
93.310	Unraveling neuronal circuits and causal underpinnings of long time-scale social strategic behaviors			$425,816	
93.310	Using microfluidics to realize patient-specific anti-cancer immunotherapies			$1,354,230	
93.310	Whole Individual Comprehensive KnowlEDge: Somatic Mosaicism across Human Tissues (WICKed SMaHT)	Broad Institute Inc.	5001842-5500001965	$24,454	
93.323	California DPH NWSS Centers of Excellence	Public Health Foundation Enterprises, Inc.	0187.5110 ELC	$65,804	$9,999
93.323	CDPH-Stanford ELC NWSS Core BP1	Public Health Foundation Enterprises, Inc.	0187.0612	$101,783	
93.323	Mpox Clade 1 in Wastewater	Public Health Foundation Enterprises, Inc.	0187.3112 ELC	$5,617	
93.349	Packaging and Spreading the Stanford Pediatric Weight Control Program - A Family-Based, Group, Behavioral Weight Control Program for Children with Obesity and their Families			$96,222	
93.350	Collaborative care teams for hospitalized patients with opioid use disorders: Translating evidence into practice (START)	Cedars-Sinai Medical Center	Subaward 0002265294/CSPO483080	$10,111	
93.350	CTSA K12 Program at Stanford			$752,062	
93.350	Effects of Microgravity on Cardiovascular Aging in Vascularized Cardiac Organoids			$2,801	
93.350	Src Homology and Collagen (Shc) inhibition for the treatment of transplant-related pulmonary fibrosis.			$4,190	
93.350	Stakeholder Guidance to Anticipate and Address Ethical Challenges in Applications of Machine Learning and Artificial Intelligence in Algorithmic Medicine: a Novel Empirical Approach			$90,859	
93.350	Stanford Center for Clinical & Translational Education and Research (Spectrum)			-$6,258	
93.350	Stanford Center for Clinical and Translational Research and Education			$10,036,920	$181,396
93.351	A suite of conditional mouse models for secretome labeling			$210,957	
93.351	Comparative Medicine Biosciences Training Program			$104,953	
93.351	Enabling AI-based Mouse Genetic Discovery			$813,752	
93.351	High Speed Large Area Detector for LCLS			$1,965,000	
93.351	Immunogenomics of susceptibility to tuberculosis (TB) among nonhuman primate species			$139,416	
93.351	Pre-clinical Bruker Albira Si PET/SPECT/CT imaging system			$29,348	
93.351	Super-resolution, structured illumination microscope (SIM) for biomedical research			$750,000	
93.351	Ultra-High Field Translational MRI Scanner			$2,015,543	
93.353	A population-based virtual solution to reduce gaps in genetic risk evaluation and management in families at high risk for hereditary cancer syndromes: The Georgia-California GeneLINK Trial	University of Michigan	PO 3007915282, PO# 3008466459	$61,066	
93.353	Attacking the Immunopeptidome of Ewing Sarcoma			$674,896	
93.353	Bay Area and Anderson Team against Acquired Resistance	University of California San Francisco	14158sc	$60,052	
93.353	Center for therapeutic targeting of the Fusion Oncoprotein of Fibrolamellar Hepatocellular Carcinoma	Rockefeller University	1U54CA243126-01	$184	
93.353	Discovery and Development of Optimal Immunotherapeutic Strategies for Childhood Cancers (Project 2)	Children's Hospital of Philadelphia	3201380619 / PO 20031486-RSUB, 3201380823-S4/ PO# 20433193	$4,361	
93.353	Engineering the next generation of T cells	University of Pennsylvania	578222 // PO 5159870	-$29,060	
93.353	Precancer Atlas for Integrative Characterization of ductal carcinoma in situ (DCIS).	Duke University	A030739	$3,694	
93.353	Precancer Atlas of Familial Adenomatous Polyposis			-$53,556	
93.353	Stanford Cancer Immune Monitoring and Analysis Center (CIMAC)			$1,976,891	
93.353	Tailored prostate cancer screening: addressing USPSTF priority research gaps in a racially-diverse study population			$790,475	$448,899
93.353	The Lung PCA: A Multi-Dimensional Atlas of Pulmonary Premalignancy	Boston University	4500003003	-$10,313	
93.361	Aspiration in Acute Respiratory Failure Survivors	University of Colorado	FY22.342.005-FY23.342.013	$26,386	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.361	Building a causal pathway framework to identify interventions to eliminate racial/ethnic disparities in severe maternal morbidity			$645,007	$100,395
93.361	NIH/NINR R01 NR015452B Targeting Autonomic Flexibility to Enhance Cognitive Training Outcomes in Older Adults with Mild Cognitive Impairment	University Of Rochester	SUB00000132/UR FAO GR531705	$106,534	
93.361	Severe Maternal Morbidity: An Investigation of Racial-Ethnic Disparities, Social Disadvantage & Maternal Weight			$714,522	$187,484
93.384	Accelerating the Bioprinting of Whole Organs			$6,340,471	
93.384	ARPA-H_MiRIT_Phase I			$4,044,126	$1,605,534
93.384	THOR: Targeted Hybrid Oncotherapeutic Regulation	Rice University	X03116344	$599,784	
93.386	Role of the microenvironment in ovarian cancer metastasis	University of California San Francisco	14150sc	-$155	
93.393	A large-scale quasi-experimental evaluation of added sugar warning labels in restaurants	New York University Grossman School of Medicine	24-A0-00-1011625, OA00005150	$182,123	
93.393	Advancing Science & Policy in the Retail Environment (ASPiRE)	University of North Carolina at Chapel Hill	5112337	$208,178	
93.393	Algorithm-enabled Patients Activated in Cancer care through Teams (APACT) to improve	Emory University	A1157787	$47,858	
93.393	An integrative omics approach to investigate gene-environment interaction in colorectal cancer risk	Fred Hutchinson Cancer Research Center	0001187849	$37,662	
93.393	Biological and cancer-associated role of epitranscriptomic gene expression regulation			$106,500	
93.393	Breast Cancer Family Registry	Columbia University	GG017321-02, -03	$313,708	
93.393	Cell-free DNA Analysis for Liquid Biopsy of Cancer			$95,937	
93.393	Characterizing germline and somatic alterations by glioma subtypes and clinical outcome			$511,214	$351,621
93.393	CIPN R01: Leveraging machine learning to improve risk prediction for chemotherapy induced neuropathy			$439,186	$340,053
93.393	Comparative Modeling of Effective Policies for Colorectal Cancer Control	Memorial Sloan Kettering Cancer Center	MSKSUB00000141-3/C22793519	$168,172	
93.393	Comparative modeling of gastric cancer disparities and prevention in the US and globally	Columbia University	3(GG015389-03)/SAPO G18352, 3(GG015389-04) SAPO:G19478, PO SAPO G19475	$99,461	
93.393	Comparative Modeling of Lung Cancer Prevention, Early Detection and Treatment Interventions	BC Cancer Agency	2024-0341, 2025-0958	$269,338	
93.393	Comparative Modeling of Precision Breast Cancer Control Across the Translational Continuum	University of Wisconsin-Madison	0000003150, 0000003933	$197,915	
93.393	Defining the Mechanism of Genome Rearrangements in Ph-Like ALL to Determine Predictive Markers in High-Risk Hispanic Populations	University of California Irvine	2022-1669 / R37 CA266042	$11,765	
93.393	Development and clinical evaluation of the CapScan gastrointestinal sampling device for metabolomics monitoring	Envivo Bio Inc.	Stanford Subaward 1	$31,951	
93.393	Discovery, Biology and Risk of Inherited Variants in Glioma			$892,524	$545,482
93.393	Evaluation of genetic, clinical and environmental risk factors to establish effective screening strategies for second primary lung cancer			$460,680	$14,627
93.393	Evaluation of the "Be Vape Free" Curriculum of the Tobacco Prevention Toolkit			$669,172	
93.393	Flexible NLP toolkit for automatic curation of outcomes for breast cancer	Mayo Clinic - Arizona	LSJ-303290-04; P001564132, P002722732	$119,958	
93.393	Histone deacetylation signaling in aging and cancer pathways	Palo Alto Veterans Institute for Research	CUA0006-03	$69,940	
93.393	Insights from Asian populations into disparities in breast cancer prognosis and outcomes	University of California San Francisco	12260sc	$87,024	
93.393	Integrating Multiple Electronic Health Records Systems to Improve Lung Cancer Outcomes			$492,477	$119,310
93.393	Integrative approaches to elucidate p53 transcriptional networks during carcinogenesis			$976,527	
93.393	Leveraging Diversity in Cancer Epidemiology Cohorts and Novel Methods to Improve Polygenic Risk Scores	University of Southern California	SCON-00006860, -00008251	$207,156	
93.393	Leveraging gnotobiotic models to study the gut microbiota and anti-tumor immunity			$76,371	
93.393	Local Flavor Policies to Enhance Equity in Tobacco	University of Kentucky Research Foundation, The	PO: 7800006031	$67,133	
93.393	Mechanism of Action of the TBX3 Gene in Breast Cancer			$139,785	
93.393	Molecular and cellular mechanisms of SCLC initiation in mice and in humans			-$377	
93.393	Molecular pathoepidemiology of contralateral breast cancer	Sloan Kettering Institute for Cancer Research	SUB00000131AM5 C22683172	$8,612	
93.393	Multilevel Determinants of Racial/Ethnic Disparities in Lung Cancer Screening Utilization	Kaiser Foundation Research Institute	RNG211988-Stanford	$8,049	
93.393	NGTC - STANFORD (Developing next generation cell therapies for children with solid tumors)			$284,921	
93.393	P01: Understanding Integration in Oncology Care and Association with Quality and Outcomes	Harvard Medical School	152805.5128967.0010	$44,786	
93.393	Pancreatic cancer stem cells:PD2-mediated novel mechanistic link and metabolomic alterations			$43,717	
93.393	Personalizing genetic test results management and outcomes after diagnosis of cancer: the Georgia-California SEER Genelink Study			$726,519	$531,638
93.393	Population Modeling of Bladder Cancer Detection and Control	Brown University	00002241-3	$70,422	
93.393	Practical Randomized Controlled Trial of Artificial Intelligence for Melanoma Diagnosis (PRACTA-MEL)	Memorial Sloan Kettering Cancer Center	C22970698	$7,384	
93.393	Precision Interception of Gastric Cancer Precursors Through Molecular and Cellular Risk Stratification			$1,865,751	$29,541
93.393	Precision Prostate Cancer Screening with Genetically Adjusted Prostate-Specific Antigen Levels			$614,762	$322,748
93.393	Predictors of Systemic Exposure to Oral 6MP During Maintenance in Adolescents and Young Adults with Acute Lymphoblastic Leukemia	University of Alabama at Birmingham	00527577-SC013	$7,347	
93.393	Project RESIST - Increasing Resistance to Tobacco Marketing Among Young Adult Sexual Minority Women Using Inoculation Message Approaches	University of Pennsylvania	PO 5242437 / 580371 YR5	$28,902	
93.393	Promoting Adolescent E-cigarette Cessation with Social Media Support Groups	University of California San Francisco	15761sc	$58,354	
93.393	Retail Environment for Tobacco and Marijuana in CA: Impact on College Student Use			$133,357	
93.393	Reversing Cellular immortality in cancer			-$50	
93.393	Role of NSD3 in regulation of cancer pathogenesis	University of Texas MD Anderson Cancer Center	3002170957	$265,125	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.393	Rutgers Center of Excellence for Rapid Tobacco Surveillance	Rutgers, The State University of New Jersey	Sub 2860 PO 25654986 / PO 25851175	$134,927	
93.393	Structural Cell Biology of DNA Repair Machines	Lawrence Berkeley National Laboratory	Subcontract No.7615089, 7813651	$65,490	
93.393	Symptom Screening Linked to Care Pathways for Children with Cancer: a Cluster Randomized Trial (Aims 1 & 3)	Hospital for Sick Children	6610100234 / 6610100276	$14,944	
93.393	Testing the efficacy of a decision aid and planning tool for family building after cancer			$541,422	$60,840
93.393	The regulation of innate immune sensors to control GVHD and GVL after allogeneic hematopoietic stem cell transplantation			$91,192	
93.393	The Tumor Microenvironment and Lymphatic Remodeling in Postpartum Breast Cancer	Columbia University	2(GG013871-01) // SAPO G20018	$15,000	
93.393	Tobacco Retail Policy Innovation to Reduce Health Disparities	University of California San Francisco	11572sc	$25,805	$30,231
93.393	Understanding Integration in Oncology Care and Association with Quality and Outcomes	Harvard Medical School	152805.5128961.0019, .5128981.0020	$64,415	
93.393	Unraveling mechanisms of tumor suppression in lung cancer			-$12,666	
93.393	Very long term neurocognitive outcomes in cancer survivors	Virginia Commonwealth University	FP00018011_SA002	$5,907	
93.394	A 3D DCE-US Interconnected Voxel Analysis Framework for Bedside Characterization of Tumor Vascular Properties in Liver Malignancies	University of California San Diego	707251	$61,441	
93.394	A comprehensive imaging solution for dense breast cancer screening and diagnostics	Malcova Inc.	CA261381-Stanford	$127,090	
93.394	Abbreviated Non-Contrast-Enhanced MRI for Breast Cancer Screening			$398,546	$45,581
93.394	Advanced Imaging Tools to Assess Cancer Therapeutics in Pediatric Patients			$812,816	
93.394	Alleviating social isolation, loneliness, and stress among South Asian families managing breast cancer			$31,976	
93.394	Amy Herr - Treatment Resistance in Breast Cancer: Cellular-to-Molecular Profiling	University of California Berkeley	00010696 BB01663306	$43,453	
93.394	An integrated microtechnology platform for spatially resolved mass spectrometry-based proteomics			$733,397	
93.394	Analysis of urine tumor nucleic acids for detection and personalized surveillance of bladder cancer			$449,374	
93.394	Automated Volumetric Molecular Ultrasound for Breast Cancer Imaging			-$155	
93.394	Changing brachytherapy with MRI remnant-tumor segmentation and active-catheter placement	Johns Hopkins University	PO #2004786918	$3,264	
93.394	Chemical Glycoproteomics			$45,935	
93.394	Circulating Genomic Determinants of Treatment Failure in Hodgkin Lymphoma			$687,606	
93.394	Clinical Validation Center for Early Detection of Pancreatic Cancer	University of Texas MD Anderson Cancer Center	3002566305	$51,724	
93.394	Clinical Validation of Metabolic Markers Detected by Mass Spectrometry Imaging for Diagnosis of Thyroid Fine Needle Aspiration Biopsies	Baylor College of Medicine	P700000211	-$3,526	
93.394	Co-Clinical Research Resource for Imaging Tumor Associated Macrophages			$691,062	
93.394	Computational analysis of tumor ecosystems and their regulation and association with outcomes			$589,959	
93.394	Computational imaging approaches to personalized gastric cancer treatment			$602,413	
93.394	Covid-19: Copper-depleting nanotheranostics for treating triple negative breast cancer			$335,386	$12,235
93.394	Covid-19: Mechanisms and Duration of Immunity to SARS-CoV-2			$2,090,985	$17,143
93.394	Developing clinically relevant PET tracers to image T cell activation for improved cancer immunotherapy monitoring			$599,237	
93.394	Development of a Bioengineered Therapeutic Device for the Prevention of Lymphedema	Palo Alto Veterans Institute for Research	HUN022-02	$11,749	
93.394	Development of a New Multiplexed Imaging Strategy for Immunoprofiling using Raman-Active Nanoparticles	University of Southern California	SCON-00007484	$350,905	
93.394	Enhanced Deuterium Metabolic Imaging (DMI) of Metabolic Reprogramming in Brain Tumors			$579,726	
93.394	Exosome Signatures of Kidney Cancer Response to Immune Checkpoint Inhibitor			$47,897	
93.394	Glycosylation and Immune Evasion in Urologic Tumors			$114,939	
93.394	HIFU-immunotherapy in pancreatic cancer			$396,044	
93.394	High Resolution Ultrasound in Interventional Radiology			$485,675	$230,893
93.394	High throughput CAR-T potency assay based on functional and transcriptional measurements on single cell co-cultures	Celldom, Inc.	SPO 312152	$223,471	
93.394	Highly Sensitive Detection of Occult Pancreatic Cancer Using Intraoperative Molecular Imaging			$322,247	$57,013
93.394	Imaging and circulating DNA markers to assess early response and predict treatment failure patterns in lung cancer			$48,505	
93.394	Imaging Modulation of Immune Phenotype			$437,772	
93.394	Improving Diagnostic US for Reduction of Benign Breast Biopsies Using US-Guided Optical Tomography	Washington University in St. Louis	WU-21-40/PO No.: ST00000058	$112	
93.394	Intraoperative integration of artificial intelligence during cystoscopic surgery			$442,956	
93.394	Leveraging deep learning for markerless motion management in radiation therapy			$420,836	
93.394	Modeling and analysis of curative combination therapy for Diffuse Large B-Cell Lymphoma	University of North Carolina at Chapel Hill	5131066	$11,921	
93.394	Monitoring CAR T Cell Therapeutic Response and Toxicity with Real-time, Label-free Cell Quantification			$79,165	
93.394	MRI and blood biomarkers of neoadjuvant therapy response and outcomes in rectal cancer			$461,872	
93.394	Multimodal iterative sequencing of cancer genomes and single tumor cells			$3,283	
93.394	Multi-modal machine learning to guide adjuvant therapy in surgically resectable colorectal cancer			$927,197	
93.394	Multiregional imaging phenotypes and molecular correlates of aggressive versus indolent breast cancer			$66,469	
93.394	Multi-scale modeling of glioma for the prediction of treatment response, treatment monitoring and treatment allocation			$548,472	
93.394	Noninvasive imaging and blood biomarkers for personalized lung cancer immunotherapy			$705,957	
93.394	Novel applications and translation of [18F]hGTS13, a system xc specific radiopharmaceutical			$460,362	
93.394	Optical Imaging to Improve Surgery & Targeted Therapy in Brain Tumors			$11,819	
93.394	Outcomes for CLL patients treated with novel therapy	Mayo Clinic	LSJ-287002-03; PO P001668355, P000529620	$40,089	
93.394	Pathomic Predictors of Prostate Cancer Progression			$664,712	$462,394
93.394	Preclinical microphysiological tumor models for nuclear medicine			$496,835	
93.394	Predicting Relapse at the Time of Diagnosis in Acute Lymphoblastic Leukemia			$475,427	
93.394	Quantitative volumetric ultrasonic and photoacoustic tomography			$808,418	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.394	Rad-pathomic deep learning models to assist radiologists in differentiating aggressive from indolent prostate cancer on MRI			$579,737	
93.394	Rapid and affordable magneto-nanosensors for ctDNA-guided lung cancer management			$479,310	$89,209
93.394	Serial Ultrasound to Detect Early Response to Immunotherapy in Metastatic RCC			$27,940	
93.394	Single-molecule nanopore-based identification of methylome signatures in cfDNA for early colorectal cancer detection			$588,524	
93.394	SPECTRUM (Studying PRIDE to Enhance Cancer Screening guidelines for TRansgender Users of gender-affirMing hormones) Houghton, Lauren	Columbia University	2(GG019279-01) G18951	$116,584	
93.394	The Early Detection Research Network: Data Management and Coordinating Center	University of Texas Southwestern Medical Center	GMO: 250302 // PO: 0000003719	$52,323	
93.394	The Prognostic Significance and Mechanistic Determination of Chromatin Remodeling Biomarkers in Non-Functional Pancreatic Neuroendocrine Tumor	University of Pittsburgh	AWD00004384 (136403-1)	$48,853	
93.394	Three-Dimensional Multi-Parametric Ultrasound for Monitoring Therapy of Liver Metastasis	University of California San Diego	707180	$58,213	
93.394	Tumor microenvironmental biomarkers of breast cancer invasion			$471,052	$13,260
93.394	Ultrabright Theranostic SERRS Nanoparticles for Gastrointestinal Endoscopy			$4,130	$16,550
93.394	Virtual Digital Histopathology with Explainable Deep learning for Prostate Cancer Diagnosis	University of California Irvine	2024-2260	$18,253	
93.395	3' tsRNAs: biologic function and pre-clinical targeting for treating human disease			$508,071	
93.395	A micro-dissection platform for generating uniform-sized patient-derived tumor organoids (PDOs) for personalized cancer therapy			$117,449	
93.395	An artificial intelligence-driven distributed stereotactic radiosurgery strategy for multiple brain metastases management	University of Texas Southwestern Medical Center	GMO210506 PO 0000002339	$85,990	
93.395	Assessing, Optimizing, and Delivering Surgical Feedback with AI for Benign Urological Robotic Surgeries	Cedars-Sinai Medical Center	CSPO714881	$20,609	
93.395	Bone Marrow Grafting for Leukemia and Lymphoma			$251,436	
93.395	Cas13d-based screens to engineering exhaustion-resistant CAR T cells.			$48,684	
93.395	Center of Innovation for Brain Tumor Therapeutics	Mayo Clinic	P001887558/LSU-289763, P001887457/B0A-289763	$24,197	
93.395	Circadian regulation of cancer therapy-associated neuroinflammation			-$9,258	
93.395	COG NCTN Committee Leadership - Kimberly Pyke-Grimm	Public Health Institute	AR73068; PO 0000006310	$7,326	
93.395	COG NCTN Network Group Operations Center	Public Health Institute	AR72749, PO #0000006226, AR73099, PO 0000006337	$11,221	
93.395	Combining CDK7 and MUC1-C inhibition to target different subtypes of small cell lung cancer	New York University	23-A1-00-1009447 PO M240794367	$119,885	
93.395	Comprehensive Investigation of Multiple Myeloma Genetic Susceptibility in African Americans			$323,975	
93.395	Degrading therapeutically important kinases using small molecules			$791,510	$490,878
93.395	Delineate the Role of GSTP1 in Advanced Prostate Cancer	University of California Los Angeles	14900000131477	$10,795	
93.395	Developing Safe and Effective GD2-CAR T Cell Therapy for Diffuse Midline Gliomas			$784,368	$31,572
93.395	Development of a theragnostic radiopharmaceutical for pancreatic cancer			$442,137	
93.395	Development of AI-Augmented quality assurance tools for radiation therapy			$597,494	$210,296
93.395	Diagnostic Imaging Reviewer Study (AR69921)	Public Health Institute	AR69921	-$47,087	
93.395	Diagnostic Imaging Reviewer Study ID: AOST2031, AREN03B2 (AR61599)	Public Health Institute	AR69924	$450	
93.395	Discovering and exploiting mechanisms of neuroblastoma therapy resistance	Children's Hospital of Philadelphia	GRT-00003908-XX/20585972	$162,350	
93.395	Discovering and Exploiting Mechanisms of Neuroblastoma Therapy Resistance - Core B	Children's Hospital of Philadelphia	GRT-00003908-XX/20585971	$12,742	
93.395	Discovery and optimization of novel mutant-selective allosteric inhibitors of EGFR T790M	Dana-Farber Cancer Institute	1273109, 1273110	$179,963	
93.395	Dysregulated Complement Pathway in Macrophage Reprogramming and Progression of HCC in MASH			$355,977	
93.395	Elucidating the role of cancer-associated FGL1 in tumor immunity and developing FGL1-guided anti-LAG-3 cancer immunotherapy	New York University	22-A0-00-1007872 / M230686511	$95,811	
93.395	Engineering 3D Osteosarcoma Models to Elucidate Biology and Inform Drug Discovery			$523,613	$326,249
93.395	Generating a Systemic Immune Response Using Localized Delivery ofChemotherapy in Brain Tumors			$293,577	$58,403
93.395	Harnessing Continuous Liquid Interface 3D Printing to Improve Tumor-homing Stem Cell Therapy for Post-surgical Brain Cancer	University of North Carolina at Chapel Hill	5123951	$68,116	
93.395	Hijacking Cancer Drivers to Activate Proapoptotic Genes in DLBCL			$574,846	
93.395	Identification of serum protein biomarkers by profiling N-glycoproteomes of patient-derived xenografts of neuroendocrine prostate cancer			$28,981	
93.395	Immunotherapy Modeling in Organoids Co-preserving Tumor and Infiltrating Immune Compartments			$795,180	
93.395	Improving the Safety and Quality of Eye Plaque Brachytherapy by Assembly with Intensity Modulated Loading			$100,045	
93.395	Increasing the therapeutic index of brain tumor treatment through innovative FLASH radiotherapy	University of California Irvine	2020-1309 / P01 CA244091	$381,899	
93.395	Innovating for Treatment of Cervical Pre-Cancer: Novel use and application of trichoroacetic acid (TCA) to treat cervical dysplasia with an ultimate focus on low-resource settings.	Gynion, LLC	SPO 313210	$41,671	
93.395	Integrated ligand and target discovery by chemical proteomics for glioblastoma treatment.			$595,516	$336,771
93.395	Integrating Spatial Omics and Drug Imaging to Dissect the Role of Pancreatic Tumor Microenvironment in Drug Resistance			$253,186	
93.395	Molecular Strategies to Widen the Therapeutic Index of Radiotherapy			$2,334,674	$468,011
93.395	Molecularly-based outcome and toxicity prediction after radiotherapy for lung cancer			$322,231	$30,661
93.395	New Materials to Deliver mRNA: Applications in Cancer Immunotherapy			$355,961	
93.395	Next Generation GPC2-CARs for Medulloblastoma			$1,206,394	
93.395	Next Generation Immunotherapies for Pediatric Cancers			$1,016,511	
93.395	NK Cells their receptors and cancer therapy	University Of Minnesota	P008703403	$8,397	
93.395	Non-genomic resistance mechanisms in EGFR-mutant lung cancer	Massachusetts General Hospital	GR0241302-S01	$102,881	
93.395	Novel Intervention Approaches to Alleviate Allogeneic Transplant-Related Morbidity & Mortality	Fred Hutchinson Cancer Center	0001110489/0001142854	$19,169	
93.395	Novel MUC1 Theranostic Peptides for Imaging and Treatment of Triple-Negative Breast Cancer			$328,990	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.395	NRG Oncology Network Group Operations Center	NRG Oncology Foundation, Inc.	NRG-Le-GY6- 12	$52,067	
93.395	Pathology Review: NIH National Clinical Trials Network (NCTN) Grant (2U10CA180886)	Public Health Institute	AR74701/ PO 0000006648	$34,226	
93.395	Pediatric Brain Tumor Consortium	St. Jude Children's Research Hospital	GR-0003317-8143163	$66,386	
93.395	Phase 1 and 2 Molecular and Clinical Pharmacodynamic Trials ETCTN	Beckman Research Institute Of The City Of Hope	61984.2008185.669303	$39,355	
93.395	Phase one clinical trial of a novel small molecule EBNA1 inhibitor, VK-2019, in patients with Epstein- Barr positive nasopharyngeal cancer, with pharmacokinetic and pharmacodynamic correlative studies			$34,910	$35,857
93.395	Preclinical optimization of ultra-high dose rate (FLASH) radiotherapy parameters for translational relevance	University of Texas MD Anderson Cancer Center	3002038840	$180,484	
93.395	QBS10072S for the Treatment of Brain Metastatic Triple-Negative Breast Cancer	Quadriga Biosciences Inc.	SPO 183921	$369,434	
93.395	Strategies for Receptor inhibition in immunotherapy			$561,372	$74,422
93.395	Stress, inflammation, and health-related quality of life of long-term breast cancer survivors			$51,792	
93.395	Synthetic IL9R signaling to rewire T cells for adoptive cell therapy of cancer			$313,928	
93.395	Synthetic Studies Related to Cancer Research/Treatment			$525,904	
93.395	Targeting ALK through Degradation and Allosteric Inhibitors			-$36,783	-$36,783
93.395	Targeting apoptotic cells to enhance radiotherapy			$678,636	
93.395	Targeting CDK7 in CCNE1-amplified Ovarian Cancer			$706,763	$462,116
93.395	Targeting colorectal cancer stem cells with ALDH1B1 antagonists			$418,906	
93.395	Targeting Ferroptosis in BRAF (V600E) Mutant Anaplastic Thyroid Cancer			$102,593	
93.395	Targeting T cell dysfunction in glioblastoma: A proof-of-concept Phase 0/I trial of anti-TIGIT antibody AB154 incombination with anti-PD1 antibody AB122	Yale University	CON-80005130(G124517)	$73,416	
93.395	The 4th Stat4Onc Annual Symposium			$10,000	
93.395	The molecular basis of IMiD induced neo-substrate recruitment to the CRL4CRBN ubiquitin E3 ligase	Dana-Farber Cancer Institute	1300009	$68,184	
93.395	Therapeutic targeting of NSD2 in lung adenocarcinoma	University of Texas MD Anderson Cancer Center	3002200065	$411,864	
93.395	Tumor-Selective Radiosensitization by Targeting Hypoxia in Rectal Cancer	Beckman Research Institute Of The City Of Hope	66710.2013908.669301	$10,872	
93.396	A novel animal model for determining the role of circadian timing in breast cancer development			$15,112	
93.396	A Novel Assay to Individualize Resensitization of Iodine-Refractory Thyroid Cancer			$230,450	
93.396	ATP-Dependent Chromatin Remodeling in Human Malignancy			$300,386	
93.396	Cellular Senescence Network: New Imaging Tools for Arthritis Imaging			$484,914	$74,546
93.396	Delineating developmental programs driving tumorigenesis in triple-negative breast cancer			$532,143	
93.396	Determinants of toxicity and response to immune checkpoint blockade through integrative profiling of T cell clonal dynamics and plasma cell-free DNA	Mayo Clinic Hospital-Rochester	BOA-337372 P001810843	$157,316	
93.396	Determining and targeting mechanisms controlling cancer cell division			$1,878,940	$196,281
93.396	Dissecting the interplay between aging, genotype and the microenvironment in lung cancer			$693,295	
93.396	Epstein Barr Virus Driven Mechanisms of Post Transplant Lymphoproliferative Disease			$806,772	
93.396	Functional Interrogation of Human Acute Myeloid Leukemia Stem Cells			$333,641	
93.396	Genetic Determinants of Tumor Growth and Drug Sensitivity in EGFR Mutant Lung Cancer	Yale University	CON-80003286(GR113944)	$203,647	
93.396	Genetic dissection of oncogenic Kras signaling			$407,962	
93.396	High resolution dissection of oncogene enhancer networks via CRISPR screening and live-cell imaging.			$299,613	
93.396	Human Acute Myeloid Leukemia Stem Cells			$275,134	
93.396	Identifying and Targeting Mechanisms for Membrane Signaling in Human Cancer	University of California San Francisco	12578sc	$107,366	
93.396	Integrating cancer genomics and spatial architecture of tumor infiltrating lymphocytes			$450,233	
93.396	Integrating Omics and Quantitative Imaging Data in Co-Clinical Trials to Predict Treatment Response in Triple Negative Breast Cancer	Baylor College of Medicine	P700000499	-$315	
93.396	Investigating molecular and cellular mechanisms of SCLC development to identify novel therapeutic strategies			$884,394	
93.396	Investigating the roles of extracellular cGAMP and harnessing it for cancer treatment			$378,345	
93.396	Kinase Signaling in Epidermal Homeostasis and Early Neoplasia			$218,239	
93.396	Matrix in pre-cirrhotic HCC			$519,263	
93.396	Measuring and Modulating Oxidative DNA Damage Surveillance Pathways			$313,512	
93.396	Mechanisms of Lymphomagenesis of Skin-Resident gamma delta T cells	Northwestern University	60061067 STAN	$8,691	
93.396	Mining the microbiome for immunomodulatory microproteins			$268,361	
93.396	Modulating cysteine metabolism to induce cell death in small cell lung cancer			$484,069	
93.396	Modulating Human Microbiome Function to Enhance Immune Responses Against Cancer			$118,130	
93.396	Molecular Mechanisms by which Statins Prevent and Reverse Hepatocellular Carcinoma			$362,553	$96,921
93.396	Multiplexed dissection of metastatic ability, organ tropism, and immune evasion			$18,795	
93.396	Neural Niche in Promoting Brain Metastatic Tumor Progression	University of Texas Southwestern Medical Center	GMO220809 PO 000002740A	$116,587	
93.396	Neuronal Regulation of Low-Grade Gliomagenesis			$610,593	$200,322
93.396	Novel Therapeutics for Adult Glioblastoma (Project 3)	Brigham and Women's Hospital	126696	$129,578	
93.396	Novel Therapeutics for Adult Glioblastoma (U19 Admin Core)	Brigham and Women's Hospital	126686/1U19CA264504-02	$19,564	
93.396	Pancreatic Cancer Development: Genetic and Immune Regulation			$1,906,978	$67,892
93.396	Pre-Leukemic Hematopoietic Stem Cells in Human AML			$302,734	
93.396	Program the Immune System against RAS-driven Cancer			$179,711	
93.396	Quantitative and multiplexed analysis of gene function in cancer in vivo			-$90	
93.396	Role of extracellular matrix malleability in mediating breast cancer cell invasion and migration			$901	
93.396	Role of the METTL13 Lysine Methyltransferase in Signaling and Cancer			$98	
93.396	Single cell modeling of cancer mutations			$395,277	
93.396	Software and algorithms for elucidating the structure, function, and evolution of extrachromosomal DNA	University of California San Diego	704826	$76,758	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.396	Spatial Transcriptomics Explorer (STE): An open-source resource for visualizing spatial gene expression data	Sage Bionetworks	PO2312008 / 3U24CA274494-02S1	-$38	
93.396	Stem Cell Biology, Cancer Stem Cell Biology, and Cancer Immunotherapy			-$104,703	
93.396	Studying macrophage polarization in search for predictive and prognostic markers of breast cancer			$187,429	
93.396	Systems analysis of mechanisms driving response to immunotherapy in clear cell cancers			$475,657	$49,204
93.396	Targeting Lymph Node Dependent Immune Tolerance in Cancer			$703,975	
93.396	Targeting the Cancer Glycocalyx			$422,320	
93.396	Targeting the MYC Pathway for the Treatment of Cancer			$1,008,308	
93.396	The role of the RNA demethylase FTO in metabolic reprogramming of renal cell carcinoma			$386,684	$36,816
93.396	Triggering a New Cancer Cell Death Mechanism in Sarcoma			$404,470	
93.396	Tumor Metabolic Profiling by Multiplexed Single-Cell Lipid and mRNA Imaging			$256,475	
93.397	Cancer Cell Map Initiative v2.0 - Project 3	University of California San Francisco	13935sc	$64,458	
93.397	Dissecting the co-evolution of tumor and tumor-associated immune niches using orthotopic colorectal cancer models	Rockefeller University	SUB00000459	$77,144	
93.397	Project 3: Deciphering Germline and Somatic Genomic Landscape of Gliomas in Black and Hispanic Minority Groups	University of Texas MD Anderson Cancer Center	3002272521	$328	
93.397	Shaping of the Microenvironment in Colonic Pre-Cancer by Epithelia and Microbiota	Vanderbilt University Medical Center	VUMC106012- A01	$73,693	
93.397	Stanford Brain Metastasis Consortium			$1,502,668	$15,945
93.397	Stanford Breast Metastasis Center			$1,409,219	$44,089
93.397	Stanford University Cancer Center			$4,827,962	
93.397	Systems Biology of Tumor-Immune-Stromal Interactions in Metastatic Progression			$1,824,326	
93.397	Targeting microenvironmental dependencies for glioblastoma therapy (Project 4)	Brigham and Women's Hospital	122260	$6,669	
93.397	The Cancer Cell Map Initiative v2.0 NIH/UCSD U54 - Project 1	University of California San Francisco	13934sc/HJD6G4D6TJY5	$60,209	
93.397	The Upstream Center: Income Interventions to Address the Fundamental Causes of cancer Inequities			$2,436,913	$806,183
93.397	Translational Research Program for Colorectal Cancer Disparities	Fred Hutchinson Cancer Center	0001198633	$74,889	
93.398	Biologic and Functional Characterization of In Vivo CAR-T cells			$37,501	
93.398	Canary Cancer Research Education Summer Training (Canary Crest) Program			$367,842	
93.398	Cancer Center Survivorship Research Forum 2023	University Of Minnesota	P010551301	-$17	
93.398	Defining kinase interaction pathways to enhance anti-cancer efficacy and minimize associated morbidities of kinase inhibitor drugs			$100,933	
93.398	Defining Pre-treatment Correlates of Patient GD2 CAR T Cell Exhaustion and Memory Using Multi-Dimensional Immune Profiling			$211,393	
93.398	Defining the Role of Senescence in Limiting Therapeutic Efficacy of CAR T Cells			$41,769	
93.398	Dissecting intrinsic variability in engineered T Cell immunotherapies			$370,630	
93.398	Dissecting the Mechanism of Acute Myeloid Leukemia Induced Bone Marrow Failure to Identify Therapeutic Interventions			$117,430	
93.398	Dissecting the Roles and Requirements for RBM39 in Acute Myeloid Leukemia and Normal Hematopoiesis			$185,196	
93.398	Do Tumor-Immune Interactions Prime Systemic Tolerance of Triple Negative Breast Cancer (TNBC) Breast-to-Brain Metastases?			$39,798	
93.398	Exploring O-glycoproteomics to prevent metabolic radioresistance in the tumor microenvironment			$33,697	
93.398	Genetic and Environmental basis of Cancer Risk and Disparities (GECaRD)			$156,022	
93.398	Genetic and immunological dissection of coinhibitory crosstalks between human T cells and cancer cells			$114,306	
93.398	Gordon Research Conference (GRC) on Signaling by Adhesion Receptors			$15,000	
93.398	High-Throughput Measurements of RNA-Mediated Regulation of Gene Expression and Oncogenesis			$46,329	
93.398	Hijacking cancer driver to activate cell death by chemically induced proximity			$40,811	
93.398	Integrating highly multiplexed immunofluorescence with label-free 2D hyperspectral chemical imaging to interrogate the colorectal cancer tumor-invasive front			$74,002	
93.398	Integrative subtyping to improve therapeutic options for metastatic hormone receptor-positive breast cancer			$292,651	
93.398	Interrogating Immunomodulation for Anti-Metastatic Therapy			$6,525	
93.398	Investigating personalized approaches to de-intensify therapy for nodular lymphocyte-predominant Hodgkin lymphoma			$284,958	
93.398	Investigating the regulation of cancer cell death by NFE2L1			$41,519	
93.398	Investigation of obesity paradox for renal cell cancer: a multilevel approach from molecular to neighborhood impacts			$19,676	
93.398	Learning features of optimal CAR T cells for LBCL from patient data			$242,984	
93.398	Leveraging a community-academic partnership to pilot a family-centered communication intervention for Latinx young adult childhood cancer survivors			$293,393	
93.398	Leveraging innovative technologies in basic and clinical cancer research			$404,973	
93.398	Lymphoma Antigen Density and Circulating Tumor DNA Profiling As Determinants of Novel CAR Therapies			$66,756	
93.398	Macrophages and fibroblasts in the progression of lung cancer			$29,718	
93.398	Mapping Intercellular Protein Trafficking in Glioblastoma with Esterase-Activated Proximity Labeling			$24,138	
93.398	Mechanistic insights into lysosomal nutrient efflux in cancer			$370,413	
93.398	Molecular Characterization and Personalized Approaches to Non-Hodgkin Lymphoma from Circulating Tumor DNA			$227	
93.398	Molecular dissection of extrachromosomal DNA formation, development, and evolution			$118,119	
93.398	Molecular Mechanisms of Small Cell Lung Cancer Brain Metastasis			$3,000	
93.398	Non-invasive characterization of human soft tissue sarcoma response to radiation therapy			$269,499	
93.398	Oncogenic Kras drives stromal adipogenesis to promote colorectal cancer (CRC)progression			$104,224	
93.398	PRECISE - a PErsonalized Risk Score for gastrIc CancEr			$200,226	
93.398	Psychobiological stress vulnerability, executive control, and depression in children and adolescents with cancer			$111,449	
93.398	Quantitative modeling of extrachromosomal DNA (ecDNA) evolution in tumors			$162,500	
93.398	Regulation and retention of extrachromosomal oncogene amplifications in cancer			-$512	
93.398	Reinvigorating the overdominant model of tumor suppression			$8,360	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.398	Reprogramming Antigen Presenting Cells in Lymph Nodes to Overcome Tumor Immune Tolerance			$73,693	
93.398	Rewiring fusion oncogenes to activate apoptosis			$43,750	
93.398	Role of novel cis-acting long non-coding RNAs in DNA replication timing and chromosome stability in cancer			$8,944	
93.398	Simultaneous Multi-Tracer Positron Emission Tomography for Interrogating Molecular Pathways of Neurological Disorders			$37,600	
93.398	Stanford Cancer Imaging Training (SCIT) Program			$302,709	
93.398	Stanford Molecular Imaging Scholars (SMIS) Program			$450,496	
93.398	Targeting Radiation-Induced Myeloid Cells to Promote T cell Immunity in Undifferentiated Pleomorphic Sarcoma			$219,251	
93.398	The role of extrachromosomal DNA in HER2-amplified breast cancer			$79,762	
93.398	The role of fallopian tube microbiome in ovarian carcinogenesis			-$78	
93.398	Utilizing FAP normal and polyp patient-derived organoid biobank to interrogate existing and novel chemoprevention strategies			$21,921	
93.399	COG NCTN Per Case Reimbursement Master Grant	Public Health Institute	U10CA180886; AR77663	$85,017	
93.421	Covid-19: Development of forecast, analytic, and visualization tools to improve outbreak response and support public health decision-making	Brown University	00002315	$4,933	
93.732	Addiction Medicine Fellowship			$343,843	
93.837	4D Multimodal Image-Based Modeling for Bicuspid Aortic Valve Repair Surgery	University of Pennsylvania	585280 // PO 5399689	$62,882	
93.837	A Digital Shared Decision-Making Aid to Improve Patient-Centered Outcomes in Implantable Cardioverter-Defibrillator (ICD) Decisions among Older Patients			$63,699	
93.837	A multidisciplinary approach to understanding feedback and clustering in PCP signaling			$722,326	
93.837	A multi-physics simulator for pediatric cardiac surgical planning			$561,272	
93.837	A protein traffic control system that regulates left-right patterning and heart development			$718,018	$240,455
93.837	A Targeted Approach to Treat Immunotherapy-Induced Myocarditis with CXCR3 Blockade			$86,539	
93.837	ADAR mediated RNA editing is a causal mechanism in coronary artery disease			$138,883	
93.837	Adherence Determinants in the Health Electronic Record Evaluation of Statins (ADHERES)			$762,157	$73,038
93.837	Adventitial Fibroblast Phenotypic Modulation in Atherosclerosis			$483,170	
93.837	Alpha-catenin function in cardiomyocyte adhesion and cytoskeletal organization	University of Pittsburgh	AWD00004587 (136701-1)	$88,325	
93.837	Amelioration of Cardiac Fibrosis Using Diverse Cell Village Human Cardiac Organoids			$25,886	
93.837	An electrophysiology platform that enables robust, scalable and long-term intracellular recording of cardiomyocytes			$684,206	$99,715
93.837	An evaluation of insomnia treatment to reduce cardiovascular risk in patients with posttraumatic stress disorder	Duke University	303003728	$6,280	
93.837	An in vitro electrophysiology system for high-throughput measurement of cardiomyocyte action potential	Cyion Technologies	CT2023-002	-$1,021	
93.837	Angiogenic Bioengineered Systems to Optimize Post-Infarction Myocardial Recovery			$150,469	
93.837	Asian American Prevention Research: A Populomics Epidemiology Cohort (ARISE)			$649,065	
93.837	Biomechanical Optimization of Cardiac Valve Repair Operations			$200,126	
93.837	Calcineurin compartmentation and regulation of pathological cardiac remodeling			$244,668	$19,262
93.837	Cardioprotective Therapy for Doxorubicin Using iPSC Microtissue and CRISPR Screening			$1,744,375	
93.837	Cardiovascular and Chronic Disease Prevention Training Program			$495,234	
93.837	Catheter-injectable system for local drug delivery after myocardial infarct			$53,216	
93.837	Catheter-injectable, engineered biomaterial for sustained Neuregulin-1 delivery to the myocardium			$38,708	
93.837	Causal Mechanisms of Novel Gut-Hormone Agonists on Cardiovascular Health			$79,986	
93.837	Causal variant association mechanisms in TCF21 binding coronary disease loci			$878,976	
93.837	Circulatory Support in Pediatric Heart Failure Patients Using the Jarvik 2015 LVAD: A Pivotal Trial			$288,451	$24,120
93.837	Cis-regulatory architecture of coronary vascular wall loci	University of Virginia	GR104668.SUB00001261	$26,606	
93.837	Clonal expansion, resistance to efferocytosis and innate immunity in atherosclerosis			$316,204	
93.837	Combined Cardiomyopathy, e.g., of Cancer Chemotherapeutics, and Proarrhythmia for Cardiotoxicity "Clinical Trials-in-a-Dish" (CTiD) with iPSC-Derived Cardiomyocytes	Vala Sciences	1R42HL158510-02	$424,238	
93.837	Comprehensive CT Imaging for Optimization of Coronary Artery Bypass Graft Surgery			$323,980	$63,005
93.837	Computational Medicine in the Heart, Integrated Training Program			$374,127	
93.837	Computational model-driven design to mitigate vein graft failure after coronary artery bypass			$827,971	$241,765
93.837	CORD-CHD: Clamp OR Delay among neonates with Congenital Heart Disease	Research Institute at Nationwide Children's Hospital	700348-0325-00, PO4613034-0-46	$14,659	
93.837	Coronary Magnetic Resonance Angiography			$101,897	
93.837	Covid-19: Genome Editing of Human iPSCs to Study Inherited Hypertrophic Cardiomyopathy			$67,302	
93.837	Deciphering the Endothelial Cell-Cardiomyocyte Crosstalk in LMNA Cardiomyopathy			$478,109	
93.837	Deep Neural Networks to Treat Atrial Fibrillation			$72,581	
93.837	Defining and perturbing gene regulatory dynamics in the developing human heart to understand mechanisms of congenital heart defects			$860,611	
93.837	Defining the role of mechanotransduction pathways in activating cardiac fibroblasts to cause fibrosis after myocardial infarction.			$41,921	
93.837	Developing and Evaluating Health and Environmental Messages to Improve Diet in Emerging Adults			$140,384	
93.837	Dynamic Biomaterial Design to Probe the Cellular Response to Fibrotic Stiffening			$349,612	
93.837	E-cigarette aerosol effects on the cardiovascular system in rodents			-$72	
93.837	Electrical Mapping Signatures of Adverse Structural and Functional Remodeling in Ventricular Arrhythmia			$160,989	
93.837	Elucidating anti-angiogenic tyrosine kinase inhibitor-induced vascular dysfunction			$83,685	
93.837	Elucidating Drug Interactomes for Cardiac Protection by SGLT2 Inhibitors			$8,674	
93.837	Elucidating ECM Signaling in Cardiac Organoids with Machine Learning and Single-cell Multiomics			$579,254	
93.837	Elucidating Mechanism of Cardiac Fibrosis with Cell Village of Pooled Human iPSCs			$159,351	
93.837	Elucidating Mechanisms of Thoracic Aortopathy via Computational Modeling_Marsden	Yale University	CON-80005299(GR125228)	$142,490	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.837	Elucidating the Biology of Cardiovascular Risk in Hemodialysis Patients Using Proteomics	University of Texas Southwestern Medical Center	GMO 230908 - PO 0000002761, GMO 251207 PO#0000003614	-$12,498	
93.837	Elucidating the Origin of Sudden Cardiac Death in Dilated Cardiomyopathy: from Phenotype Predictors to Therapeutic Targets	University of Colorado Denver	FY23.217.004 FY25.217.002_AMD2	$229,541	
93.837	Elucidating the Role of Microenvironment Mechanics in Regulating Cardiac Fibroblast Plasticity			$118,431	
93.837	Elucidation of the Development and Function of the Cardiac Conduction System			$145,922	
93.837	Epigenetic biomarkers of cardiovascular risk in African American Women	University of North Carolina at Chapel Hill	5133398	$128,780	
93.837	Evaluation of AMPK-BACH1-NRF1,2 Axis as a Therapeutic Target for Inherited DCM			$260,069	$28,973
93.837	Examining the Role of Structural Factors in Racial and Ethnic Disparities in Cardiovascular Disease			$144,267	
93.837	Exercise-induced cardiac adaptation in hypertrophic cardiomyopathy			-$13,174	
93.837	Exploring Functional Divergence in Human and Chimpanzee Arteries: Implications for Cardiovascular Disease			$27,690	
93.837	Fast and Accurate Cardiovascular MRI with Hyper 4D-Flow			$588,854	$16,107
93.837	Gene regulatory networks controlling smooth muscle phenotype and vascular disease risk			$418,558	
93.837	Gut Microbiota and Cardiometabolic Diseases/ Project 3: Discovery, enzymatic source and characterization of novel microbiota-derived metabolites in cardiometabolic diseases	Cleveland Clinic Foundation	1393-SUB	$65	
93.837	Harnessing Big Data to Identify Effective Peripheral Artery Disease Treatments in Chronic Kidney Disease			$460,521	$30,682
93.837	High throughput platform for simultaneous multiparametric assessment of cardiac physiology for heart failure drug development			$542,754	
93.837	High-Resolution Whole Heart Quantitative CMR Perfusion Imaging in Ischemic Heart Disease			$167,063	
93.837	High-throughput cellular genetics to connect noncoding variants to coronary artery disease genes	Broad Institute Inc.	5001797-5500001920	$72,299	
93.837	hiPSC Modeling of Restrictive Cardiomyopathy for Drug Testing			$478,938	
93.837	Human Induced Pluripotent Stem Cells for Cardiovascular Disease Modeling			$264,491	
93.837	Human iPSC Model for Elucidating Intracellular Crosstalk Signaling in Dilated Cardiomyopathy			$1,899,119	
93.837	Human iPSC Model to Elucidate Metabolic Interplay in Diabetic Cardiomyopathy			$204,033	
93.837	Identification of Causal T-Cell Mechanisms in Immune Checkpoint Inhibitor Induced Myocarditis			$85,547	
93.837	Identifying Proteomic Markers of Exercise Training in Heart Failure			$165,695	
93.837	Identifying tobacco-genetic interactions through study of the aryl hydrocarbon receptor pathway			$691,958	
93.837	Improving Tissue Engineered Vascular Graft Performance via Computational Modeling	Research Institute at Nationwide Children's Hospital	700284-0325-00 / 4612720-0-46	$66,430	
93.837	Infrastructure for mentored access to CHS data and specimens	University Of Washington	UWSC16324 PO-0100153494	$41,128	
93.837	Injectable Hydrogels to Deliver Gene Therapy for Myocardial Infarct			$94,626	
93.837	Integrating Volumetric Light-Field with Computational Fluid Dynamics to Study Myocardial Trabeculation and Function	University of California Los Angeles	1564 G ZA140	$67,053	
93.837	International Consortium for Multimodality Phenotyping in Adults with Noncompaction			$300,923	$101,674
93.837	Intersecting clinical, genomic, and experimental investigation to understand the mechanisms and impact of coronary artery patterning	Palo Alto Veterans Institute for Research	AST0003-01, 02	$395,053	
93.837	Investigating COUP-TFII in human vein development			$28,318	
93.837	Investigating the Pathological Features of Clonal Hematopoiesis-derived Macrophages			$68,073	
93.837	Investigating the role of the Unfolded Protein Response in Genetic Dilated Cardiomyopathy			$64,151	
93.837	Lipid Peroxidation-Induced Mitochondrial Injury Inhibits Vascular Function in Single Ventricle Congenital Heart Disease			$875,085	
93.837	Liposome-crosslinked hyaluronic acid hydrogels with localized protein delivery for myocardial infarction therapy			$42,818	
93.837	Machine Learning for Ventricular Arrhythmias			$739,707	$86,898
93.837	Machine Learning in Atrial Fibrillation			$712,879	$175,867
93.837	Mapping, modeling, and manipulating 3D contacts in vascular cells to connect risk variants to disease genes			$663,370	$305,934
93.837	Mapping, mutating, and reprogramming gene regulatory sequences for Alagille Syndrome			$1,082,670	
93.837	Marfan Aortic Embryologic Origin Influences Aneurysm Formation			$663,779	
93.837	Mechanotransduction and transcriptional regulation during artery development			$517,905	
93.837	Mentoring in Translational Research to Prevent Disparities in Childhood Obesity and Cardiometabolic Disease			$99,523	$6,523
93.837	META - Mentor, Educate, Train, Advocate: Patient Oriented Researchers in Cardiometabolic Disease			$60,267	
93.837	MicroRNA Control of Dilated Cardiomyopathy			$740,514	$238,518
93.837	Mitochondrial health, cardiovascular risk, and blood pressure targets in hypertensive adults	Northern California Institute for Research and Education	JOTV2359-03 / R01HL151564	$113,147	
93.837	Mitochondrial therapy in conjunction with guideline directed medical therapy in cardiomyopathy			$83,668	
93.837	Mitochondria-rich microvesicles for restoration of intracellular bioenergetics			$295,860	
93.837	Modeling Susceptibility to Radiation Therapy-induced Cardiotoxicity Using Cell Village iPSCs			$121,381	
93.837	Modeling Tyrosine Kinase Inhibitor-Induced Vascular Dysfunction Using Human iPSCs			$829,704	
93.837	Molecular insights into the regulation of mitochondrial calcium uptake			$48,862	
93.837	Molecular mechanisms of mitochondrial metabolic regulation			$42,331	
93.837	Molecular mechanisms of vascular calcification and their connection to coronary disease risk			$504,897	
93.837	Molecular phenotyping for autopsy-defined sudden cardiac death	University of California San Francisco	12636sc	$79,895	
93.837	Moonlighting in Mitochondria: A Non-Canonical Role for Cardiac Troponin I in Inherited Cardiomyopathies			$164,422	
93.837	Move Often eVery Day (MOV'D): An occupationally-tailored, remotely-delivered, socially-supported short exercise break intervention to decrease sedentary behavior in receptionist office staff			$149,077	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.837	Multicenter International Durability and Safety of Sirolimus in LAM Trial (MIDAS) Clinical Study	LAM Foundation	MIDAS Site Agreement - 1	-$7,431	
93.837	Multimodality Deep Phenotyping of Postural Orthostatic Tachycardia Syndrome (POTS)	University of Texas Southwestern Medical Center	GMO241112/PO0000003196	$184,779	
93.837	Multimodality Molecular Imaging of Stem Cell Therapy for Ischemic Cardiomyopathy			$94	
93.837	Multiscale Systems to Elucidate Susceptibility and Cardioprotective Mechanisms in Cardio-oncology			$1,128,177	$309,988
93.837	Narrowing the gap between supply and demand in heart transplantation			-$3,528	
93.837	Neurometabolic Outcomes of Different Cardiopulmonary Bypass Strategies			$37,155	
93.837	NHLBI Undergraduate URM Summer Research Program			$143,636	
93.837	Novel Incidental Calcium Evaluation (NICE) Registry			$533,619	$29,384
93.837	Objective Physical Activity and Cardiovascular Health in Older Women: OPACH2	University of California San Diego	705688	$36,211	
93.837	Opportunistic Atherosclerotic Cardiovascular Disease Risk Estimation at Abdominal CTs with Robust and Unbiased Deep Learning			$544,470	
93.837	Optimizing Congenital Aortic Valve Surgery with Simulation-Guided Design			$177,691	
93.837	Optimizing treatment of chronic hypertension in pregnancy using a national distributed data network			$158,101	
93.837	Parallel Characterization of Genetic Variants in Chemotherapy-Induced Cardiotoxicity Using iPSCs			$124,906	
93.837	Pathogenic hotspots illuminate mechanism and therapeutic potential in arrhythmogenic cardiomyopathy			$973,168	
93.837	PCSK9 Inhibition after Heart Transplantation			$130,559	
93.837	PDGFD regulates a transcriptional network to modulate smooth muscle cell transition and disease risk			$567,517	
93.837	Pediatric Cardiopulmonary MRI using RF Navigators and High Dimensional Deep Learning	University of Wisconsin-Madison	0000003818	$197,373	
93.837	Perinuclear cAMP in Cardiac Hypertrophy	University of Connecticut	UCHC7-144253015	$193,507	
93.837	Perinuclear Ryanodine Receptors and Cardiac Remodeling	University of Connecticut	R01 HL166547 / UCHC7-174300522	$315,927	
93.837	PEripheral ARtery Disease: Long-term Survival & Outcomes Study (PEARLS)	University of Texas Southwestern Medical Center	GMO230701/PO# 0000003045	$26,227	
93.837	Phenotyping Net Immune State with MicroRNAs in Cardiac Transplantation	Inova Health Care Services	INOVA-2024-372/OSRPSD-3615	$612	
93.837	Physical Activity to Improve CV Health in Older Women: A Pragmatic Trial	Fred Hutchinson Cancer Center	0001165155	$784,136	
93.837	Physiology-directed Epinephrine Dosing in Pediatric Cardiac Arrest (PEDICA)	Children's Hospital of Philadelphia	GRT-00004170 / PO 20628987	$1,465	
93.837	Preclinical testing of a 3D printed external scaffold device to prevent vein graft failure after coronary bypass graft surgery	BioGraft Inc.	2022-162397-2	$31,783	
93.837	Preeclampsia to Cardiovascular Disease: Life-course Analysis of Biomarkers and Risk			$22,457	
93.837	Pregnancy as a Window to the Future: Outcomes of Antihypertensive Therapy and Superimposed Preeclampsia in Pregnant Women with Mild Chronic Hypertension (CHAP Maternal Follow-up Study)	University of Alabama at Birmingham	000530812-SC023	$29,784	
93.837	Probing the Molecular Mechanisms of Diastolic Dysfunction Using Patient-Specific Stem Cells			$140,013	
93.837	Proteomic profiling to identify mechanisms of susceptibility and resilience to cardiac dysfunction in Black Americans	University of Texas Southwestern Medical Center	GMO: 250216 PO: 0000003716	$41,127	
93.837	Radiomics approach to engineering an artificial intelligence based echocardiography platform to predict cardiovascular surgery and heart failure outcomes.			$615,161	
93.837	Rapid Free-Breathing Self-Gated Spiral Pulse Sequences for Simultaneous Cine and T1 mapping			$65,184	
93.837	Reawakening cardiomyocyte proliferation from structural mediated quiescence	Baylor College of Medicine	P700000898	$394,160	
93.837	RE-ENERGIZE FONTAN - RandomizEd Exercise INtERvention desiGned to MaximIZE Fitness in Pediatric FONTAN patients			$388,320	$33,383
93.837	Rhythm Evaluation for Anticoagulation with Continuous monitoring of Atrial Fibrillation (REACT AF)	Northwestern University	60066191 Stan	$1,429,956	
93.837	Risk Assessment and Outcomes Across the Clinical Spectrum of Cardiotoxicity from Immune Checkpoint Inhibitors			$77,971	
93.837	Role of Zeb2 in modifying genetic risk of coronary artery disease			$199,845	
93.837	Shear stress and light-field to elucidate the initiation of cardiac outflow tract	University of California Los Angeles	15640000048543	$66,044	
93.837	Single-cell Multi-omic Profiling of Drug Responses Using Pooled iPSC-CM Differentiation			$154,997	
93.837	Smad3-mediated gene-environment interaction and risk of tobacco-induced aneurysms			$2,792	
93.837	Spatiotemporal visualization of adenylyl cyclase signaling			$95,833	
93.837	Stanford BSSR Pre-Doctoral Training Program at the Intersection of Behavioral, Data and Population Health Sciences			$203,968	
93.837	Stanford Cardiovascular Summer Research Training Program for Medical Students			$71,309	
93.837	Stanford Integrated Cardiovascular/Pulmonary Residency Research Training Program			$114,040	
93.837	Statistical Learning for Precision Medicine Based on Multi-Source Data			$366,235	
93.837	Stem Cell Model of Varicose Veins			$71,721	
93.837	Structure function relationships from deep mutational scanning in human cardiomyopathy			$23,256	
93.837	SURPASS: (Statin Use and Risk Prediction of Atherosclerotic Cardiovascular Disease in minority Subgroups)			-$49,467	
93.837	Systematically mapping variant effects for cardiovascular genes	Vanderbilt University	VUMC105689-2, 4	$595,151	
93.837	T32 Training Program in Mechanisms and Innovation in Vascular Disease			$433,279	
93.837	Tachycardia-induced Metabolic Remodeling Drives Cardiac Dysfunction			$153,424	
93.837	Targeting the genotype to phenotype link in HCM as a therapeutic strategy			$187,412	$72,096
93.837	Teen screen diets and their relationships with dietary intake: setting the stage for precision interventions and evidence-based policies			$672,753	
93.837	Temporospatial Single-Cell Characterization of Angiogenesis and Myocardial Regeneration in Small and Large Mammals			$87,429	
93.837	The 3E study: Economic and Educational Contributions to Emerging Adult Cardiometabolic Health	Fordham University	FORD0087-30387	$33,897	
93.837	The Dynamics of Human Atrial Fibrillation			$713,413	$433,899

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.837	The Effect of Value-based Payment on Heart Failure Quality of Care (Value-HF)			$103,465	
93.837	The International Study of Comparative Health Effectiveness with Medical and Invasive Approaches (ISCHEMIA) trial EXTENDed Follow-up (EXTEND)	New York University	M230650449	$25,041	
93.837	The LIMIting AAA with meTformin (LIMIT) Trial			$1,460,522	$353,293
93.837	The relationship between mortality and sodium intake: a case-cohort study in a prospective cohort of 140,000 adults in the Northern Netherlands with both multiple 24-hour and spot urine samples			$456,593	$181,489
93.837	The Role of 3-Dimensional Genome Integrity In Cardiac Laminopathies			$247,221	
93.837	The role of cancer in cardiovascular disease			$621,246	
93.837	The Role of the Bifidobacterium Gut Microbiome Guild in Pathophysiology of Chronic Heart Failure with Reduced Ejection Fraction			$142,795	
93.837	The SMAD3 signaling network in coronary artery disease risk			$33,216	
93.837	Toward Equity in ATTR Cardiomyopathy Diagnosis			$50,210	
93.837	Training in Myocardial Biology at Stanford (TIMBS)			$398,962	
93.837	Uncertainty aware virtual treatment planning for peripheral pulmonary artery stenosis			$747,938	$230,383
93.837	Understanding Metabolic Interplay in a Human iPSC Model of Diabetic Cardiomyopathy			$72,462	
93.837	Unfolding the role of misfolded proteins in smooth muscle cell phenotypic modulation and atherosclerosis			$49,581	
93.837	Unraveling Adverse Effects of Checkpoint Inhibitors Using iPSC-derived Cardiac Organoids			$29,514	
93.837	Unraveling Proteasome Inhibitor-Induced Cardiovascular Toxicity through Integrative Multiomics			$64,602	
93.837	Unraveling the pathogenesis of familial dilated cardiomyopathy towards precision medicine			$549,928	
93.837	Unraveling the Role of CXCL9/CXCL10+ Macrophage Induced CXCR3+ T-cell Recruitment in Immunotherapy Myocarditis			$134,315	
93.837	Unraveling the role of endothelium in chemotherapy-induced cardiotoxicity			$331,493	
93.837	Unraveling the Role of p53 in Endothelium Homeostasis after Ionizing Radiation Exposure			$132,808	
93.837	Using Atrial Mechanics To Identify Fibrosis In Patients with Atrial Fibrillation			$590,770	$243,070
93.837	Using miRNA to identify new therapeutic pathways for Dilated Cardiomyopathy			$1,341	
93.837	Using Modern Data Science Methods and Advanced Analytics to Improve the Efficiency, Reliability, and Timeliness of Surgical Quality Data	Emory University	A632369	$430,702	
93.837	Using Predictive Modeling for Acute Coronary Syndrome Screening to Improve Timely Diagnosis and Mortality for STEMI			$550,952	$62,066
93.837	Vaccine Induced Immune-Inflammatory Response and Cardiovascular Risk	Cedars-Sinai Medical Center	1891939	$165,925	
93.837	Vasculata 2024			$20,000	
93.837	Whole-genome sequencing analysis of coronary atherosclerosis and related traits	University of Texas Health Science Center at Houston	SA0000633/UTH251216	$157,107	
93.838	A critical role for macrophage ferroptosis in promoting fungal invasion in lung transplant recipients			$656,364	
93.838	Air pollution disrupts inflammasome regulation in heart and lung total health	Harvard University	111923-5128441	$40,041	
93.838	Air Pollution Disrupts Inflammasome Regulation in HEart And Lung Total Health (AIRHEALTH)	Harvard Medical School	111923-5128445	$231,011	
93.838	Air pollution disrupts Inflammasome Regulation in HEart And Lung Total Health (AIRHEALTH) HEMC Core	Harvard University	111923-5128439	$128,001	
93.838	Air pollution disrupts Inflammasome Regulation in HEart And Lung Total Health (AIRHEALTH) Project 3	Harvard University	111923-5128447	$212,058	
93.838	Arrest Respiratory Failure Due to Pneumonia (Arrest Pneumonia)			$1,534,483	$599,887
93.838	Assessment of Implementation Methods in Sepsis and Respiratory Failure	Society of Critical Care Medicine	SPO 282979	$12,251	
93.838	Automated Long-Term Oxygen Therapy Control System.	Minnesota HealthSolutions Corporation	MHS23-LTOT2-21	$5,428	
93.838	Biased Targeting of GPCR Signaling in Airway Disease	Thomas Jefferson University	8002000-Z69104/08002000-Z69105	$48,215	
93.838	BMPR2, Monocytes and Macrophages in Pulmonary Artery Hypertension			$647,082	$73,510
93.838	Case-Control Study of Methamphetamine in Pulmonary Arterial Hypertension	University of Pennsylvania	583172, 500436, 502899	$255,480	
93.838	Cellular and molecular mapping of ventilator-induced lung injury			$895,324	$319,290
93.838	Cellular and molecular mechanisms of alveolar repair			$856,712	
93.838	Commensal bacteria as vehicles for robust mucosal vaccination against lung pathogens			$13,123	
93.838	Complement Mediated Remodeling in Pulmonary Vascular Disease	University of Colorado Denver	FY21.032.003/PO #1001417854	$47,725	
93.838	Covid-19: Characterization of Autoantibodies in PASC	NYU Langone Health System	PATHO-PH2-SUB_16_23	$230,643	
93.838	Covid-19: Molecular Phenotyping of ARDS, pneumonia, and sepsis using LCA and metagenomic sequencing	University of California San Francisco	14592sc	$129,585	
93.838	Covid-19: Researching COVID to Enhance Recovery (RECOVER) Initiative: A multi-site Observational Study of Post-Acute Sequelae of SARS-CoV-2 Infection in Adults.	New York University Grossman School of Medicine	PATHO-PH2-SUB_15_23	$390,125	
93.838	Covid-19: Role of adipose tissue in post-acute sequelae of COVID-19	NYU Langone Health System	PATHO-PH2-SUB_18_23/M230678270	$428,798	
93.838	Covid-19: Stanford Node for the RECOVER Network of Biostatisticians	Mass General Brigham	246278	$411,429	
93.838	Covid-19: Understanding Adaptive and Innate Immune Cell Dysfunction in Patients With PASC	NYU Langone Health System	PATHO-PH2-SUB_14_23	$59,651	
93.838	Defining the cellular and molecular mechanisms driving neointimal lesion growth in pulmonary hypertension			$708,292	
93.838	Developmental Heterogeneity of Pulmonary Endothelial Phenotype at Single Cell Resolution	University of California San Francisco	16196sc	$57,581	
93.838	Developmental Heterogeneity of Pulmonary Endothelial Phenotype at Single Cell Resolution			$71,651	-$21,237
93.838	Developmental Origins of COPD			$235,620	
93.838	Dissecting the cell autonomous and non-cell autonomous of TBX1 in the human Pharyngeal Endoderm			$217,619	
93.838	Diverse Homeostatic Roles for Distinct Macrophages in the Developing Lung Vasculature	University of California San Francisco	16152sc	$17,029	
93.838	Diverse Homeostatic Roles for Distinct Macrophages in the Developing Lung Vasculature			$124,240	$6,295

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.838	Endothelial-pericyte interactions in the pathogenesis of pulmonary arterial hypertension			$584,194	$55,794
93.838	Exploiting neointimal and vascular smooth muscle cell heterogeneity to reveal mechanisms driving venous neointimal growth and vascular remodeling in pediatric pulmonary hypertension			$141,996	
93.838	Gene Regulatory Mechanisms of the Coronary Artery Disease Gene PRDM16 on Smooth Muscle Cell Phenotypic Modulation			$92,593	
93.838	Genetic Disorder of Mucociliary Clearance	University of North Carolina at Chapel Hill	5129017-NCX	$22,799	
93.838	High Shear Stress Alters Gene Regulation in Pulmonary Arterial Hypertension			$381,616	
93.838	Hydrocortisone for BPD Respiratory and Development Outcomes Study (HYBRID Outcomes Study): Clinical Coordinating Center	Children's Hospital of Philadelphia	3200930824/ PO# 20557198	-$256	
93.838	Identifying and characterizing human pulmonary neuroendocrine stem cells and their diversity			$594,674	
93.838	Immunometabolic phenotypes in adult severe asthma and disease progression	Brigham and Women's Hospital	122869	$142,741	
93.838	Integrating Acute and Ambulatory Care with Post-Discharge Monitoring and Machine Learning			$851,045	$252,298
93.838	Investigating Medicaid Policy and Access to Asthma Care and Treatment (IMPACT)			$108,905	
93.838	Lipid and Metabolic Profiling to Predict Neonatal Lung Disease			$10,786	
93.838	Long Term Follow up of the Lung Transplant Outcomes Group Cohort	University of Pennsylvania	500395/PO #5366479, 502910/PO #5631382	$66,322	
93.838	Longitudinal Impact of Respiratory Viruses and Lung Infections on Bronchiolitis Obliterans Syndrome in Allogeneic Hematopoietic Cell Transplant Recipients	Fred Hutchinson Cancer Research Center	0001102471	$24,787	
93.838	Molecular characterization of pulmonary edema: a window to an injured lung			$495,393	$214,663
93.838	Multidimensional phenotype classification in grade 3 BPD	Children's Hospital of Philadelphia	GRT-00003163/ PO# 20696493	$44,485	
93.838	Multidisciplinary Research Training in Pediatric Pulmonary Vascular Disease	University of California San Francisco	15568sc	$58,696	
93.838	Optimizing Surgical Transplant of CFTR Gene-Corrected Human Basal Stem Cells to the Upper Airway			$442,916	
93.838	Parametric Response Mapping (PRM) for the detection of chronic lung injury in hematopoietic cell transplant recipients	University of Michigan	SUBK00015625/PO #3007299371	$39,331	
93.838	Pathogenesis of Pf Bacteriophages in Pseudomonas Cystic Fibrosis Lung Infections			-$32	
93.838	Patient-Reported Outcomes for Acute Asthma Care and Treatment (PROAACT)			$21,718	$10,788
93.838	Pediatric Prehospital Airway Resuscitation Trial	Ohio State University	SPC-1000014141, GR137174	$37,776	
93.838	Pericytes and postnatal alveolarization: Role of hypoxia inducible factors			$456,085	
93.838	Peri-operative factors that drive cell-free hemoglobin-mediated primary graft dysfunction	Vanderbilt University Medical Center	VUMC112286	$19,701	
93.838	Pharmacogenomic discovery of therapeutic targets for corrector-refractory cystic fibrosis			$448,969	
93.838	Phenotypic and biological features of mucus plugs in asthma	University of California San Francisco	13678sc	$21,758	
93.838	Population-level Pulmonary Embolism Outcome Prediction with Imaging and Clinical Data: A Multi-Center Study			$370,848	$175,228
93.838	Prognostic modeling of pediatric tracheostomy-associated respiratory tract infections (ATARI)	All Children's Research Institute	90108540, 2006545199	$12,665	
93.838	Proteomic and Transcriptomic Biomarkers of Circadian Timing			$114,226	$111,983
93.838	Reclassifying Pulmonary Arterial Hypertension with Machine Learned Immune Phenotypes			$194,224	
93.838	Regulatory T Cells and Pulmonary Hypertension	Palo Alto Veterans Institute for Research	NIM0015-01	$18,116	
93.838	Sequencing B cell repertoires to elucidate autoantibodies and the role of EBV in PASC	NYU Langone Health System	PATHO-PH2-SUB_17_23	$142,652	
93.838	Spatiotemporal Atlas of Cellular Networks and Ultrastructural States Mediating the Progression and Resolution of Pulmonary Fibrosis			$63,464	
93.838	Stanford Training Program in Lung Biology			$394,851	
93.838	STRIVE ICC Leadership and Start-up	Vanderbilt University Medical Center	109032	$50,433	
93.838	T Regulatory Cells in Pulmonary Arterial Hypertension	Palo Alto Veterans Institute for Research	NIM0015-02	$5,109	
93.838	The ALOHA trial: Addressing Quality of Life, Clinical Outcomes, and Mechanisms in Adults with Uncontrolled Asthma Following the DASH Dietary Pattern	University of Illinois at Chicago	19172	$15,218	
93.838	The BMP-PPARgamma Axis and Pulmonary Hypertension			$92,191	
93.838	The Role of the CES1 in the Pathogenesis of Pulmonary Arterial Hypertension			$488,853	
93.838	The Wnt7a/ROR2 axis in the pathogenesis of pulmonary arterial hypertension			$361,454	
93.838	Understanding and targeting molecular and cellular events responsible for pulmonary arteriovenous malformation development, growth and regression			$829,189	
93.838	Understanding and targeting molecular as well as structural events governing right ventricular adaptation, failure and recovery in pulmonary hypertension using repurposed drugs			$315,314	$77,697
93.838	Vaccination responses in lung transplant recipients			$446,963	$121,615
93.838	What triggers RV Fiber Re-Orientation in response to RV pressure overload, and what is its Consequence on Inter-Ventricular Decoupling?	University of Colorado Denver	FY24.864.001	$237,805	
93.839	Adenylate Kinase 2 Deficiency and the Failure of Myelopoiesis			$628,236	
93.839	BMT Clinical Trial Network at Stanford			$262,405	
93.839	Cellular barcoding of developmental hematopoiesis			$182,077	
93.839	Chemical tools for modulating the fetal hemoglobin inducer BCL11A			$415,142	
93.839	Clonal hematopoiesis in human aging and disease			$184,539	
93.839	Defining the Innate Immune Cell Profile of Factor VIII Immunity			$161,533	
93.839	Elucidating the functions of red blood cell factors in malaria parasite invasion			$917,006	
93.839	Engineering hematopoietic stem cells to generate therapeutic antibody secreting B cells			$27,277	
93.839	Epigenetic, Transcriptional, and Microenvironmental Determinants of Human HSC Self-Renewal			-$7,003	
93.839	Hepatic gene transfer for the treatment of hemophilia B and other genetic diseases			$651,965	
93.839	High-resolution tracking of T cell differentiation to predict and control alloreactive disease			$12,752	
93.839	Homologous Recombination Mediated Gene Correction for the Hemoglobinopathies			-$15	
93.839	Investigating immunophenotype and metabolism of TCR KO donor and third-party CD19-targeted chimeric antigen receptor T cells			$130,675	
93.839	Mechanisms that Enhance and Suppress HIV-1 Resistance in Gene Edited Primary Human Cells			$125,488	
93.839	Program in Translational and Experimental Hematology			-$3	
93.839	Role of Altered Mitochondrial dynamics in Graft Versus Host Disease			$81,047	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.839	School Age Follow-Up for the Darbepoetin Trial in Preterm Infants	RTI International	13-312-0219253-67592L	$62,364	
93.839	Transfusion of Prematurity Early School Age Follow up (TOP 5) CCC	University of Iowa	S00706-07	$44,169	
93.839	Utilizing Dendritic Cell Biology to Characterize the Innate Immune Response to Blood Coagulation Proteins			$212,131	
93.840	The ADAPT Trial: Adapting Evidence-Based Obesity Interventions in Community Settings	Vanderbilt University Medical Center	VUMC115522	$65,667	
93.846	"Lnc"ing XIST Ribonucleoprotein Particles to Female Sex-Attributed Biases in autoimmunity			$45,073	
93.846	Agile Development of a Digital Exposure Treatment for Youth with Chronic Musculoskeletal Pain			$143,979	
93.846	Autogenous Bone Marrow Aspirate Concentrate for the Treatment of Osteonecrosis of the Femoral Head	Johns Hopkins University	2006250957	$193,696	
93.846	Can hydroxychloroquine prevent preeclampsia and preterm delivery in lupus pregnancy?			$184,690	$76,685
93.846	Characterization of Chronic Pain and its Biopsychosocial Mechanisms in Lupus using Electronic Health Records			$115,322	
93.846	Characterization of Longitudinal EEG Biomarkers in Chronic Low Back			$107,371	
93.846	Chromatin Dynamics During Epithelial Commitment			$644,617	
93.846	Defining the role of mechanoresponsive adipocyte-to-fibroblast transition in wound fibrosis.			$338,558	
93.846	Defining the unique capacity of the miniature joint model for investigating the role of adipose tissue and its impacts on osteoarthritis	University of Pittsburgh	AWD00009342 (139794-2)	$170,140	
93.846	Determining how cell growth triggers cell division in epidermal stem cells			$687,171	
93.846	Development of Sodium Fluoride PET-MRI for Quantitative Assessment of Knee Osteoarthritis			$303,855	$47,390
93.846	Digital Biomarkers of Post-traumatic Osteoarthritis: Toward Precision Rehabilitation	Carnegie Mellon University	1090749-465054	$62,126	
93.846	Epidermal Signaling Regulators			$436,219	
93.846	Epigenetic determinants influencing development and evolution of chronic post-surgical pain in children undergoing musculoskeletal surgery	Cincinnati Children's Hospital Medical Center	OS00000340/308702-PO3100774972	-$123	
93.846	Establishing a Single-Cell Proteomic Atlas for Normal and Osteoarthritic Articular Cartilage			$570,777	
93.846	Glucose Binds RBPs to Regulate Epidermal Homeostasis			$78,596	
93.846	Homeostatic Regulators Disrupted in Skin Carcinogenesis			$644,856	
93.846	Hydrogels with Tunable Stress Relaxation and Mobility for Enhancing Articular Cartilage Regeneration			$49,802	
93.846	Imaging of Joint Response to Physiological Stress with Age, Sex and in Osteoarthritis			$619,850	
93.846	Improved Diagnostic MRI around Metallic Implants	University of Southern California	SCON-00003334	$236,621	
93.846	Investigating Isthmin as an adipose-to-muscle messenger that promotes muscle protein synthesis			$13,223	
93.846	Investigation of the Functional Roles of MicroRNA-320 in Skeletal Muscle			$114,248	
93.846	Mentoring and Research in Biobehavioral Aspects of Pediatric Pain			$153,885	
93.846	Mitochondrial inner membrane articheture in skeletal muscle pathophysiology			-$160	
93.846	Monitoring of Stem Cell Engraftment in Arthritic Joints with MR Imaging			-$424	
93.846	Mucosal Breaks in the Initiation and Progression of Rheumatoid Arthritis			$576,786	$422,945
93.846	Novel digital tools for home-based monitoring of skin disease			$221,698	
93.846	Novel models to study dorsal root ganglion neurons in knee osteoarthritis pain			$124,149	
93.846	Novel Non-Contrast MRI to Assess Synovitis in Osteoarthritis			$514,281	
93.846	Pain Rehabilitation Virtual Reality (PR-VR): Innovations to enhance mobility in the presence of pain			$30,643	
93.846	Patient Oriented Research in Vulnerable Populations with Skin Disease			$163,267	
93.846	Postgraduate Training in Epithelial Biology			$316,965	
93.846	Preventing the Transition from Acute to Chronic Musculoskeletal Pain in Adolescents after Surgery: The Role of Sleep			$172,468	
93.846	Rapid Low-Cost Quantitative 3D MRI and Gait Assessment of the Knee			$759,154	
93.846	Regulating Gli Function in Hair Follicle Progenitors			$417,160	
93.846	Regulation of chondrocyte fate and function by ECM Viscoelasticity			$596,191	
93.846	Regulation of Skin Homeostais by RNA-Binding Proteins			$137,592	
93.846	Regulators of Epidermal Gene Expression			$593,463	
93.846	Regulatory Variants in HUMAN SKIN DISEASES			$223,818	
93.846	Repurposing FDA-approved drugs for the treatment of osteoarthritis using high-throughput screening in microphysiological models	University of Pittsburgh	AWD00009832 (140054-1)	$148,141	
93.846	Sliding hydrogels for accelerating cartilage regeneration			$192,102	
93.846	STABILITY 2: ACL Reconstruction +/- Lateral Tenodesis with Patellar vs. Quad Tendon	University of Pittsburgh	AWD00001277 (133933-20)	$1,699	
93.846	Stromal Regulation of Basal Cell Carcinoma Formation			$421,460	
93.846	Training Program in Adult and Pediatric Rheumatology			$360,567	
93.846	Urine cadmium and risk of fracture and bone loss	Stony Brook University State University of New York	1171294/2/92721	$39,818	
93.846	Vascularization in bone tissue engineering constructs			$1,183	
93.847	A Clinical Center to Study Immunological and Hormonal Biomarkers for the Diagnosis, Prediction, and Treatment of Chronic Pancreatitis and its Associated Development to Diabetes and Pancreatic Cancer			$493,874	
93.847	A Model for Human Liver Fibrosis			$170,040	
93.847	A Multi-Level Intervention to Promote Healthy Beverage Intake through Childcare			$674,526	$128,258
93.847	A novel approach for treating diabetes using pulsed focused ultrasound and intraarterial delivery of mesenchymal stem cell based therapies directly into the pancreas			-$221	
93.847	A stem cell activated cryogel bioscaffold that restores islet bioenergetics while providing oxygen and nutrients at extravascular sites of transplantation			$511,578	$17,914
93.847	After ONBOARDing: Examining drivers of CGM discontinuation following a CGM uptake trial			$82,251	
93.847	An Encyclopedia of the Adipose Tissue Secretome to Identify Mediators of Health and Disease	Rockefeller University	SUB00000455, SUB00000501	$196,724	
93.847	An Integrated and Non-invasive Wearable Platform and Analytical Framework for Precision Nutrition and Personalized Medicine.	University of California Los Angeles	01600000057521	$181,532	
93.847	An interactive resource to generate and provide integrated knowledge of the human pancreas	University of California San Diego	706726	$167,107	
93.847	Assessment of eligibility for kidney donation among potential living donors	University of California San Francisco	11918sc	-$6,744	
93.847	Beyond insulin: Next-generation modulators of insulin receptor for glycemic control			$465,382	
93.847	Bone Health in Patients with Urinary Stone Disease			$159,342	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.847	Bridging the gap between Type 2 Diabetes GWAS and therapeutic targets (WIP)	University of North Carolina at Chapel Hill	5132550- 7	$313,140	
93.847	Characterization of novel insulin resistance genes by gene editing, high-throughput phenotyping and in vivo studies			$335,729	
93.847	Characterization of the Role of Nemo-like Kinase in Normal and Diamond Blackfan Anemia Models of Erythropoiesis.			$153,572	
93.847	Chemical Control of Energy Metabolism by N-ACYL Amino Acids			$49,944	
93.847	Chemical interrogation of metabolic tissue crosstalk			$857,942	
93.847	Chronic kidney disease of unknown etiology: investigating an endemic nephropathy with a multidisciplinary approach			$688,179	$232,963
93.847	Chronic Kidney Diseases of UnceRtain Etiology (CKDu) in Agricultural Communities (CURE) Research Consortium - Scientific Data Coordinating Center (SDCC) (U24)	RTI International	3-312-0218210-66575L	$4,164	
93.847	Co-Formulations of Amylin Analogues with Insulin Analogues for Treatment of Diabetes			$156,593	
93.847	Continuation of the Scientific Data Research Center (SDRC) of the Gastroparesis Clinical Research Consortium (GpCRC) 4	Johns Hopkins University	2005830964	$20,261	
93.847	Control of glucose homeostasis through the insulin-independent Isthmin pathway			$781,926	
93.847	Covid-19: Developing, Refining, and Testing a Mobile Health Question Prompt List in Gastroesophageal Reflux Disease			$198,468	
93.847	Covid-19: Post-acute metabolic sequela of SARS-CoV-2 infection in nonhuman primates	Oregon Health & Science University	1015566-002_STANFORD	$9,788	
93.847	Covid-19: Structure-based Bioengineering of Wnt Surrogates for Intestinal Stem Cell Biology and Therapy			-$85	
93.847	Covid-19: The Covid and Diabetes Assessment (CODA) Study	Vanderbilt University Medical Center	VUMC117127	$84,810	
93.847	CRISPR-Cas Editing as a Genetic Cure for Autosomal Dominant Polycystic Kidney Disease (ADPKD)	Nephrogen	R41DK138689_Stanford	$55,822	
93.847	Data Coordinating Center for the Type 1 Diabetes in Acute Pancreatitis Consortium (T1DAPC)	Penn State College of Medicine	STUDK127384	$67,638	
93.847	Deep Mutational Scanning of Monogenic Diabetes Genes to Facilitate Precision Diagnostics for Diabetes			$621,583	
93.847	Defining Small Intestinal Microbial Landscapes To Improve Therapeutics For Gastrointestinal Disease			$174,500	
93.847	Designing Sustainable and Effective Interventions to Reduce Ultra-processed Foods in School-age Children	Kaiser Permanente	RNG211604-08	$8,183	
93.847	Determining the mechanisms linking cell growth to the cell cycle in the liver			$432,984	
93.847	Developing A Platform Technology For -Cell-Targeted Drug Delivery			$350,938	
93.847	Development of long-acting glucose-responsive insulin formulations			$68,335	$82,371
93.847	Diabetes RElated to Acute Pancreatitis and its Mechanisms: Metabolic Outcomes Using Novel CGM Metrics (DREAM-ON)	Penn State College of Medicine	SUDK138060	$26,171	
93.847	Diabetes, Endocrinology and Metabolism Training Grant			$408,437	
93.847	Diabetes-Docs: Physician-Scientist Career Development Program (DiabDocs)			$3,492,333	$3,087,038
93.847	Dietary and Microbial Reprogramming of Intestinal Microbiota-Produced Metabolites			$460,665	$147,790
93.847	Direct conversion of fibroblasts to urothelial stem cells			$149,926	
93.847	Discovery Science Collaborative for CKDu			$752,330	$173,935
93.847	Dysregulation of Epithelial Metabolism and Regeneration by Sulfite Exposure in Pediatric Ulcerative Colitis			$20,231	
93.847	Effects of Processed Foods on Brain Reward Circuitry and Food Cue Learning			$526,602	$95,762
93.847	Efficacy and Safety of Automated Insulin Delivery for INpatients With DysGlycemia (AIDING)	Emory University	A996649-1	$268,053	
93.847	Elucidating novel mechanisms for pancreatitis through calcineurin signaling			$639,315	$56,207
93.847	Elucidating the role of mechanical forces in diabetic wound healing			$82,280	
93.847	Engineered Immune Cells for T1D			$972,001	
93.847	Family Matters: Optimizing Family-Based Interventions for Adolescents with Type 1 Diabetes			$159,035	
93.847	Fatty Acid Signaling via GPCRs in Primary Cilia Controls Adipogenesis and Insulin Secretion, Regulating Obesity and Diabetes			$43,159	
93.847	FLWSHIP-S.Ramos, PI S.Kim-Optimized bone marrow conditioning and tolerance assays to advance cell-based therapies for diabetes			$76,409	
93.847	Food FARMacia: Reducing Childhood Obesity in Households with Food Insecurity			$149,133	
93.847	Gene Therapy for Diabetes	Oregon Health & Science University	1015967_STANFORD	$2,200	
93.847	Genetic and physiologic regulation of pig islet development and function			$777,705	$555,861
93.847	Harnessing Microbial-Metabolite Signals to Guide Endoscopic and Transmural Healing for Pediatric Crohn's Disease			$13,368	
93.847	Hematopoietic circRNA-mediated intercellular communication			$77,018	
93.847	Heterogeneity of Diabetes: Integrated Muli-Omics to Identify Physiologic Subphenotypes and Evaluate Targeted Prevention			$237,985	
93.847	Human Islet Distribution Coordinating Center	City of Hope National Medical Center	63443.2009937.669302	$179,091	
93.847	Human Pancreas Analysis Program for Type 2 Diabetes (HPAP-T2D)	University of Pennsylvania	501724; PO# 5565315	$48,621	
93.847	Human Pancreas Analysis Program-T2D	Vanderbilt University Medical Center	VUMC81249	$72,472	
93.847	Immune Checkpoints for Intestinal Innate Lymphoid Cells			$5,651	
93.847	Impact of Diet on Intestinal Microbiota-Host Dynamics			$417,010	
93.847	Impact of symbiotic protists on intestinal T cell homeostasis and inflammation.			$313,744	
93.847	Impaired Autophagy, Mitochondrial Dysfunction, and Inflammation in Pancreatitis	University of California Los Angeles	PO 15640000142329	$201,394	
93.847	Impaired cellular RNA editing as a cause of inflammation in inflammatory bowel disease			$504,236	
93.847	Improving Glycemia & Reducing Diabetes Distress in Adolescents & Young Adults with T1D	Joslin Diabetes Center	003423-2150168	$262,628	
93.847	Improving Overactive Bladder Treatment Access and Adherence Through Personalized Behavioral Modifications and Mobile Technology-Based Interventions			$178,908	
93.847	In vivo systems to discover mechanisms regulating human islet alpha cell function			$142,052	$136,921
93.847	Incentive Payments and Practice Patterns in Dialysis: The Case of Calcimimetics			$84,518	
93.847	Increasing Diversity in Hematology: Training for URM Students			$101,379	
93.847	In-hospital use of Automated Insulin Delivery (AID): Current state and future potential			$28,585	
93.847	Internet-Delivered Pain Self-Management to Reduce Pain and Interference in Chronic Pancreatitis	Seattle Children's Hospital	13256SUB	$15,736	
93.847	Investigating and targeting the translational landscape of DBA			$876,632	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.847	Investigating mechanisms underlying diabetes associated with exocrine pancreas diseases			$555,323	$47,253
93.847	Investigating molecular mechanisms underlying cystic fibrosis-related diabetes using snRNA sequencing of FFPE donor tissue	Dartmouth College	R1854	$108,753	
93.847	Investigating the effects of aerobic and resistance training in vivo on skeletal muscle metabolism in vitro in primary human muscle cells (MoTrMyo)	Adventist Health System/Sunbelt, Inc.	1329760-Stanford	$37,603	
93.847	Investigation and Translation of the Intestinal Stem Cell Niche			$9,705	
93.847	Label to Table: New Insights into Supermarket Food Labeling	Harvard Pilgrim Health Care	AH000949	$33,346	
93.847	LAUNCH Program Training Core	University of California San Francisco	C2023244A	$478,998	
93.847	Learners to Leaders in Academic Urology, Nephrology, and non-cancer Hematology	University of California San Francisco	14817sc	$179,448	
93.847	Leveraging the Uniquely High Beta-Cell Zinc Content for Targeted Drug Delivery			$24,071	
93.847	Limited Competition: Continued Follow-up of Subjects and Initiation of a Second Case-control Cohort in The Environmental Determinants of Diabetes in The Young Study (TEDDY)	University of South Florida	6163-1103-12-CB	$37,090	
93.847	Localizing Pathogenically Relevant Transglutaminase 2 in Celiac Disease			$775,988	$581,281
93.847	Long-term effectiveness of BPH/LUTS pharmacological therapies and using machine learning based predictive analytics to tailor treatment.			$162,457	$37,472
93.847	Maximizing geographic and scientific reach through a Northern California APOLLO Network: application for Clinical Center	University of California San Francisco	14803sc	$14,699	
93.847	Mechanisms of Asymmetric Cell Division in Developmental Hematopoiesis			$163,008	
93.847	Mechanisms of islet compensation for beta cell mass deficiency in diabetes	Yale University	CON-80005798 (GR128044)	$29,686	
93.847	Mechanisms of NAT2 regulation of insulin resistance and mitochondrial function			$161,348	
93.847	Mechanisms of Physiological Organ Shrinkage			$502,933	
93.847	Mechanistic Basis of Calcium Sensing Receptor Signaling			$64,986	
93.847	Memory in the enteric nervous system			$35,931	
93.847	Milk Type in Toddlers (Milk-TOT) Study: Impact of Whole versus Low-fat Milk on Child Adiposity, Health and Development	University of California Nutrition Policy Institute	SA22-6222-01	$58,356	
93.847	Molecular Mechanisms of Insulin Resistance Associated Loci			$677,971	$126,316
93.847	MRWeight: Medical Residents Learning Weight Management Counseling Skills -- A Multi-Modal, Technology-Assisted, Spaced Education Program	University of Massachusetts	SUB00000361/POWA01480625	$21,175	
93.847	Multidisciplinary K12 Urologic Research at Stanford (KUReS) Career Development Program			$332,694	
93.847	Neurobiology for Lac-Phe Hypophagia	Baylor College of Medicine	PO# P700000636	$198,286	
93.847	Neuro-immune interactions at the intestinal surface	Rockefeller University	SUB00000485, SUB00000424	$77,794	
93.847	ONBOARD: OvercomiNg Barriers & Obstacles to Adopting Diabetes Devices			$114,440	
93.847	Optimizing a scalable intervention to maximize guideline-recommended diabetes testing after GDM	University of California Davis	A21-1599-S002 UCDPO00088533	$16,056	
93.847	Optimizing self-monitoring in a digital health intervention for weight loss			$226,062	
93.847	Patient-Derived Kidney Organoids For Modeling Kidney Injury			$184,908	
93.847	Piezo-1 & 2's role in murine intestinal muscularis cells of the SIP syncytium	University of California Los Angeles	16460000346022	$88,593	
93.847	Porphyrias Consortium	Icahn School of Medicine at Mount Sinai	0255-B227-4609 /IF300001611-94	$20,250	
93.847	Primary Outcomes in Glomerulonephritis Study (PROGRESS)	University of Pennsylvania	PO 5465217 / 500923 / 502710	$15,372	
93.847	Proteomic determinants of direct measures of insulin sensitivity			$82,322	
93.847	Rationalising coronary artery disease screening prior to kidney transplantation			$101,165	
93.847	Reaching Equity in ACess to Home Dialysis And Re-Transplantation (REACH-DART)	University of California San Francisco	13676sc	$4,222	
93.847	Reducing Disparities in Pediatric Diabetes: Building the Evidence Base to Inform Effective Diabetes Technology Interventions in Underrepresented Minorities			$342,748	
93.847	Relation of Individual Differences in fMRI-Assessed Satiation Signaling to Obesity Risk and Future Weight Gain	University of North Carolina at Chapel Hill	5129372	$96,526	
93.847	Robust statistical methods to identify and use surrogate markers in diabetes	University of Texas at Austin	UTAUS-SUB00001615	$50,294	
93.847	Role of a lactate-derived signaling metabolite in tissue crosstalk and energy balance			$632,783	
93.847	Role of altered gut immune response in Lewy Body Disease			$584,602	$117,543
93.847	Role of Transglutaminase 2 in Celiac Sprue			$678,508	$403,548
93.847	Safety, Tolerability and Dose-Limiting Toxicity of Lacosamide in Patients with Painful Chronic Pancreatitis	Indiana University	9488-SJU / PO 0710807	-$15,506	
93.847	Signal integration by specialized mesenchyme in urothelial homeostasis and Interstitial Cystitis / Bladder Pain Syndrome			$739,375	
93.847	Sit Less, Interact and Move More (SLIMM) 2 Study	University of Utah	10057603-01 / U000338299	$163,577	
93.847	Spring Mediated Enterogenesis			$363,919	
93.847	Stanford Diabetes Research Center			$2,175,795	$264,242
93.847	Stanford O'Brien Urology Research Center			$1,111,507	$113,003
93.847	Stem cell-based modeling of type 1 diabetes to accelerate translation of therapies	University of California San Francisco	15935sc	$220,897	
93.847	Stratification of Non-alcoholic Fatty Liver Disease using the SAFE Score			$72	
93.847	Structural Insights to Insulin Receptor Ligands	University of Utah	10059395-01; PO# U000343539	$48,914	
93.847	Structure/Function Correlations Over Copper Enzymes			$452,983	
93.847	Structure-based strategy for developing inhibitors of the kidney chloride channelCLC-Ka			$809,767	$134,095
93.847	Targeting bacterial proteases involved in PAR signaling to treat inflammatory bowel diseases			$665,308	$139,059
93.847	Teamwork, Targets, Technology, and Tight Control in Newly Diagnosed Pediatric T1D: 4T Study			$302,358	
93.847	The Atrial Fibrillation - Factor Identification to Risk Modification Study in HD103080	Baylor College of Medicine	P700000377	$35,390	
93.847	The Diabetes Research for Equity through Advanced Multilevel Science Center for Diabetes Translational Research (DREAMS-CDTR)	Kaiser Permanente	RNG212680, RNG211603-01, 04	$71,431	
93.847	The Effects of Telemedicine on Health Outcomes, Costs, and Perceptions of Care Delivery in In-Center Hemodialysis	Baylor College of Medicine	P700000398	$23,289	
93.847	The Optimal Pathway to Implanted Autonomous Insulin Delivery			$155,092	
93.847	The Role of Hyaluronan and CD44 in the Pathogenesis of Type 2 Diabetes			-$12,095	
93.847	The role of colonic tuft cells in microbial detection and mucosal immunity			$740,803	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.847	The Role of Pretransplant Services on Outcomes and Costs in Kidney Transplantation			$109,734	$67,979
93.847	The Stanford Clinical Center for the Study of Type 1 Diabetes in Acute Pancreatitis			$240,965	
93.847	The Stanford Pre-Renal Initiative: Undergraduate Training in Kidney Health			$171,614	
93.847	Toward Optimising Dialysis in the Perioperative Period			$220,472	
93.847	Towards a mechanistic understanding of the role of gut microbiota in postnatal growth impairment			$58,323	
93.847	Training Grant in Academic Gastroenterology			$330,117	
93.847	Training Research Leaders in Type 1 Diabetes			$206,150	
93.847	Treating Kidney Injury by Modulating Heat Shock Proteins Using Soundwaves Combined with Mesenchymal Stem Cells and Their Extracellular Vesicles			$567,085	
93.847	TrialNet at Stanford 2019	University of South Florida	6163-1082-50-BN	$271,341	
93.847	Type 2 diabetes risk variant effects on mitochondrial (patho)physiology	Jackson Laboratory	210421-0426-04/PO#720059-SUBC	$19,277	
93.847	Understanding mechanisms by which microbially derived metabolites regulate host gut inflammation.			$75,343	
93.847	Virtually Supervised Exercise for Kidney Transplant candidates	Palo Alto Veterans Institute for Research	LIC0001-01	$62,927	
93.847	Wise Social Psychological Interventions to Improve Outcomes of Behavioral Weight Control in Children with Obesity			$51,925	
93.853	A molecular investigation of retinoic acid-dependent homeostatic synaptic plasticity			$291,326	
93.853	A robotic multi-armed two-photon microscope for imaging neural interactions across multiple brain areas			$1,356,215	
93.853	A Shared Neuroscience Platform for National Dissemination and Training in Brain Organogenesis, Beavioral and Brain Disease Models, Viral Vectors, and Imaging Technologies			$1,247,347	
93.853	Activity-dependent endocannabinoid control in epilepsy			$556,135	$207,729
93.853	Advancing fMRI acquisition through dissemination of EPTI an efficient distortion-free multi-contrast imaging technology	Massachusetts General Hospital	GR0243039-S01	$125,139	
93.853	All Holographic Two-photon Electrophysiology	University of California Berkeley	PO# BB01775001 / 00011379	$215,739	
93.853	An Engineered Hydrogel Platform to Improve Neural Organoid Reproducibility for a Multi-Organoid Disease Model of 22q11.2 Deletion Syndrome			$40,074	
93.853	An evolutionarily acquired microRNA cluster shapes development of mammalian cortical projections			$407,015	
93.853	An inducible dual up/down gene regulation CRISPR system to study neuronal activity and regeneration			$25,624	
93.853	An Open Source Simulator for Multi Degree of Freedom Brain-Machine Interfaces	University of California Los Angeles	0160 G ZB833	$38,084	
93.853	ARCADIA CSI (Cognition and Silent Infarcts)			$269,034	$238,112
93.853	Automated Phenotyping in Epilepsy			-$2,340	
93.853	Axonal myelination of interneurons in cortex: functional significance and plasticity.			-$258	
93.853	BBB dysfunction in post-stroke dementia			$572,573	$120,770
93.853	Behavioral biomarkers for prediction of mortality and seizures in epilepsy			$460,941	$89,061
93.853	Bilateral Closed Loop Deep Brain Stimulation for Freezing of Gait using Neural and Kinematic Feedback			$727,005	
93.853	Biophysical Characterization of Subthalamic Local Field Potentials in Parkinson's Disease	Duke University	303-000093	$112,215	
93.853	BP-ENDURE at the University of Nevada	University of Nevada, Reno	UNR-25-81	$27,757	
93.853	CDKN2A couples lipid metabolism to Ferroptosis in Glioblastoma	University of California Los Angeles	14900000084342	$81,607	
93.853	Cell-cell communications in neural circuit assembly			$554,463	
93.853	Center for Undiagnosed Diseases at Stanford			$653,064	
93.853	Characterization of central pain mechanisms using simultaneous spinal cord-brain functional imaging			-$933	
93.853	Characterization of Sexual Dimorphism in the Brain			$600,129	
93.853	Characterizing age-related differences in T cell responses to stroke			$35,618	
93.853	Child Neurologist Career Development Program (CNCDP)	Kennedy Krieger Institute Inc.	CNCDP/PO9000099	$183,943	
93.853	Circadian mechanisms of myelination			$640,478	
93.853	Circuitry and Molecular Mechanisms for Descending Pain Facilitation			$502,117	
93.853	CLC-2 voltage-gated chloride channel structure and ligand recognition			$6,344	
93.853	Clinical translation of targeted and noninvasive ultrasonic propofol uncaging			$476,167	
93.853	Clinical Translation of Ultrasonic Ketamine Uncaging for Non-Opioid Therapy of Chronic Pain			$2,614,277	$1,289,586
93.853	Clinical Trial Readiness for Children 0-5 with Congenital Muscular Dystrophy Secondary to LAMA2 Mutations	Research Institute at Nationwide Children's Hospital	GR001130-2-SA3	$14,947	
93.853	Cofilin signaling in Hemorrahgic Stroke	University of Toledo	N-2023-25	-$69,333	
93.853	Computational foundations of active visual sensing			$1,230,693	$471,229
93.853	Computational modeling of dynamic causal brain circuits underlying cognitive dysfunction in Alzheimer's disease			$677,490	
93.853	Control of Axon Initial Segment in Epilepsy			$755,434	$372,826
93.853	Convergence of top-down and bottom-up thalamic inputs in medial entorhinal cortex			$69,326	
93.853	Cortical basis of complex motor sequences in humans for neural interfaces			$1,106,534	$674,697
93.853	CRCNS: Deconstructing Dynamics of Motor Cortex in Freely Moving Behavior			$486,365	
93.853	CT Perfusion to Predict Response to Recanalization in Ischemic Stroke Project 2 (CRISP 2)			$431,299	$1,000
93.853	Deconstructing the sertonin system in the mouse brain			$962,335	
93.853	Defining and perturbing gene regulatory dynamics in the developing human brain			$1,218,290	
93.853	Dermatomal Mapping with Spinal Cord Functional Magnetic Resonance Imaging			$746,171	$39,897
93.853	Determining How CACNA1C Variants Cause Interneuron Pathophysiology			$27,913	
93.853	Developing Active Stimulation and Monitoring Tiechnologies to Optimize Pain and Nociception Management During Regional Anesthesa, General Anesthesia, and Post-Operative Care	Pascall Systems, Inc.	SPO 327724	$366,271	
93.853	Development of selective cannabinoid receptor 2 agonists for treatment of addiction			$396,041	
93.853	Developmental Synaptopathies Associated with TSC, PTEN and SHANK3 Mutations	Boston Children's Hospital	GENFD0002117098, 7402, 7034	$33,305	
93.853	Developmental Synaptopathies Associated with TSC, PTEN, and SHANK3 Mutations (CT Pilot)	Boston Children's Hospital	GENFD0002117097	$8,722	
93.853	Diagnosing the Unknown for Care and Advancing Science (DUCAS)	Harvard University	151858.5124925.0205	$218,142	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.853	Discovery of a cerebellar-specific BAF chromatin remodeler that is necessary for social inhibition: molecular and circuit mechanisms			$71,199	
93.853	Discovery of novel TDP-43 splicing targets: the Achilles heel for FTD and towards sensitive biomarkers and therapeutic targets			$2,964,768	$2,320,709
93.853	Dissecting modular and redundant organization of cortical circuits	Baylor College of Medicine	P700000620	-$46,603	
93.853	Dissecting neocortical field potential dynamics using optical voltage imaging in genetically targeted cell-types			$635,657	
93.853	Dissecting neuronal lipid metabolism			$3,522	
93.853	Dissecting the Cognitive Roles of Hippocampus and Other Temporal Lobe Structures in Patients Undergoing Epilepsy Surgery	Emory University	A510155	$3,734	
93.853	Dissociating sensory and integrative pain processes in the human insula			$164,231	
93.853	Does Learning Require Calcium-Dependent Myelin Remodeling?			$663,790	$280,888
93.853	Dopamine modulation of synaptic plasticity and integration in the striatum			$530,817	
93.853	Dynamics of Hippocampal Inputs in Alzheimers Disease			$139,949	
93.853	ENIGMA Parkinson's Initiative: A Global Initiative for Parkinson's Disease	University of Southern California	SCON-00002524	$122,562	
93.853	Enteric nervous system structure and function in models of neural tube defects	Kennedy Krieger Institute Inc.	9000206	$20,833	
93.853	Establishing and benchmarking advanced methods to comprehensively characterize somatic genome variation in single human cells			$344,702	$266,669
93.853	Feasibility, Acceptability, and Pilot Testing of a Behavioral Intervention for Chronic Migraine			-$87	
93.853	Free water imaging in PD			$288,468	$101,296
93.853	Fused Imaging and Large Language Foundational Model for 90-day Stroke Outcome Prediction			$54,543	
93.853	G protein coupled receptor structure, dynamics, and signaling.			$797,521	
93.853	Genetic and cellular analysis of glial development and function in vertebrates			$318,119	
93.853	Genetic control of neural stem cell homeostasis			$791,502	
93.853	How do neurons coordinate alternative energy sources to meet the demands of computation?			$380,023	$109,747
93.853	How Does Actin Disassembly Drive Myelin Wrapping?			$416,223	
93.853	Human cellular model of midline crossing to study developmental neurological disorders			$405,088	
93.853	Human Thalamus in Propagation of Temporal Lobe Seizures and Memory Formation			$299,685	
93.853	Identification and Molecular Characterization of Somatic Mutations in MCD	University of North Carolina at Chapel Hill	5128839	$21,325	
93.853	Imaging B cells in the brain and beyond: developing an immuno-PET toolbox to improve understanding and treatment of multiple sclerosis			$207,980	
93.853	Impact of actin binding protein Coronin 1C in the pathogenesis of Parkinson's disease			$82,112	
93.853	Impact of sleep-wake circuits on cortical synapse plasticity during motor learning			$656	
93.853	In vivo tracking of innate immune activation and therapeutic response in MS mouse models using [18F]OP-801			$118,373	
93.853	Inhibitory Controls in the Thalamic Neurons			-$6,901	
93.853	Injectable drug-delivery system to repair the blood-brain-barrier after ischemic stroke			$37,615	
93.853	Innovating Yeast and Human Genetics Approaches to Define Mechanisms of Neurodegenerative Disease			$1,097,463	
93.853	Instructive Signals for Motor Learning			$592,565	
93.853	Integrating Pragmatic Comparative Effectiveness Research into a Tertiary Pain Management Center			$201,809	
93.853	Integration of Advanced Diffusion MRI and 3D Histology for Improved Neurosurgical Targeting			$872,428	
93.853	Interaction of external inputs with internal dynamics: influence of brain states on neural computation and behavior			$4,093,853	$725,055
93.853	Interdisciplinary research training in maternal and childhood pain (T90)			$150,145	
93.853	Interneuron-Based Mechanisms of Temporal Lobe Epilepsy			$45,744	
93.853	Investigating Nlrp3 Inflammasome As A Link For Metabolic Dysfunction And Neuroinflammation In Cerebral Adrenoleukodystrophy	Kennedy Krieger Institute Inc.	13126-0724-43B; PO# 9000165	$192,319	
93.853	Investigating the Role of NLRP3 Inflammasome in Cerebral Adrenoleukodystrophy	Children's Hospital of Philadelphia	3202030623-XX/PO 20522279	$389	
93.853	Investigation of a novel molecular driver of schwannoma nerve sheath tumors			$19,710	
93.853	Ischemic Brain Damage and Single Quantum Sodium MRI			$810,934	
93.853	KIR and HLA effects in CNS paraneoplastic syndromes and related neuroimmune conditions			$813,229	$108,160
93.853	Label-free Optical Recording of Neuroelectric Activities			$269,324	$59,157
93.853	Large-scale recordings in Primate Prefrontal Cortex: Mechanisms of Value and Attention			$432,087	$124,608
93.853	Local circuit control of rapid plasticity and tunable ensemble formation in the hippocampus	Columbia University	1(GG018903-01) / SAPO: G18192	$522,047	
93.853	Maladaptive Myelination in Pediatric Epilepsy			$205,671	
93.853	Maternal Outcomes and Neurodevelopmental Effects of Antiepileptic Drugs (MONEAD)			$103,674	$97,662
93.853	Mechanisms of Action of Peripheral Nerve Stimulation for the Treatment of Chronic Neuropathic Pain			$924,377	$412,964
93.853	Mechanisms of activity-dependent myelination through oligodendrocyte exocytosis			$107,790	
93.853	Mechanisms of Presynaptic Maintenance in C. elegans			$74,615	
93.853	Mechanistic and Therapeutic Studies of GPR124/RECK/WNT7-Regulated Blood-Brain Barrier Function			$478,325	
93.853	Mesh electronics for understanding space encoding in the amphibian brain			$47,188	
93.853	Microglia-Mediated Astrocyte Activation in the Acute-to-Chronic Pain Transition			$74,686	
93.853	Minimally Invasive Endovascular Neural Interfaces for Brain Recording and Modulation			$49,305	
93.853	Modulating miR-218 in human motor neurons using assembloids			$70,909	
93.853	Modulating Subthalamic Dysfunction to Ameliorate Disordered Sleep in Parkinson's Disease	University of Nebraska	34-5385-2100-205	$74,047	
93.853	Molecular Genetic Analysis of TORC1 and TORC2 Signaling in Neuronal Maintenance			$566,950	
93.853	Molecular Regulations of Mitochondrial Structure in Neuronal Homeostasis and Survival			$390,761	
93.853	Motor neural dynamics of free behavior enabled through 3D computer vision			$309,106	
93.853	MRI-Derived Neuromuscular Signatures to Predict Surgical Response in Degenerative Cervical Myelopathy			$620,293	$23,764

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.853	Multi-color optical voltage imaging of neural activity in behaving animals			$1,472,631	$832,960
93.853	Multimodal approach investigating the immunomodulatory effect of neural stem cells in stroke recovery			$38,063	
93.853	Multiphon imaging for understanding social brain function in tadpoles			$231,576	$3,574
93.853	Nanocage-based systemic delivery of TGFbeta trap for immunomodulation of brain neoplasms	University of Maryland, Baltimore	PO 1000022481 / 21946	$189,203	
93.853	Neural computations underlying vocal sensorimotor transformations	New York University	19-A0-00-1002501/PO#M200283440	-$70	
93.853	Neural dynamics of freely-moving, naturalistic behavior			$44,224	
93.853	Neural representation of mating partners by male C. elegans.	California Institute of Technology	S447445-A4	$4,814	
93.853	Neuroimaging-Based Brain and Spinal Cord Biomarkers for Cervical Radiculopathy			-$2,801	
93.853	Neuronal and behavioral responses to spinal cord injury			$333,641	
93.853	Neurostimulation by Ultrasound: Physical, Biophysical, and Neural Mechanisms			$418,745	
93.853	Neurostimulation of the Nucleus Basalis of Meynert for the cognitive-motor syndrome in Parkinson's disease			$1,219,004	
93.853	New cell biology tools to study myelin development, dynamics, and disease			$157,976	
93.853	Next Generation Brain PET Imaging			$496,637	
93.853	North American Mitochondrial Disease Consortium (NAMDC)	Columbia University	15(GG014929-36) SAPO: G18809	$1,451	
93.853	NORthern California Acute care RESearch (NORCARES) Hub	University of California Davis Comprehensive Cancer Center	A23-0751-S001	$78,851	
93.853	NRSA application: Characterizing acetylcholine, noradrenaline, and dopamine diffusion through the extracellular space in three subregions of macaque neocortex			$89,568	
93.853	Optimization of flexible neural probe arrays for multi-region recordings in rodents and nonhuman primates	University of Southern California	SCON-00005968, -00007554	$131,597	
93.853	Optimization, application, and dissemination of imaging modules for high-speed mesoscopic volumetric recording of neuroactivity in scattering brains	Rockefeller University	SUB00000438, 00000443, 00000495	$128,648	
93.853	Optimized Sodium MR Imaging at Clinical Field Strength to Study in vivo Sodium Signal in Mild Traumatic Brain Injury	New York University	22-A0-00-1008977/Project267366	$27,955	
93.853	Optogenetic approaches to study post-stroke recovery mechanisms			$496,632	
93.853	Pathways to Neurosciences			$229,471	$38,777
93.853	Patterning dendritic branches with environmental and neuronal surface molecules			$326,570	
93.853	Personalized hemodynamic and metabolic signatures of revascularization response in moyamoya disease	Vanderbilt University Medical Center	VUMC127286	$10,119	
93.853	Population Neural Activity Mediating Sensory Perception Across Modalities			$16,049	
93.853	POST-ICECAP (Patterns Of Survivors' recovery Trajectories in the ICECAP trial)	University of Michigan	SUBK00021646	$2,123	
93.853	PRECISE (PeR fusion imaging to identify post Erior Circulation candidates for thrombectomy)			$1,074,397	$200,115
93.853	PREcision Care In Cardiac ArrEst - ICECAP (PRECICECAP)			$1,480,653	$658,769
93.853	Precision Monitoring of Multiple Sclerosis with Mobile Devices: A Transformative Approach			$42,407	
93.853	Preclinical Evaluation of Anti-Fibrin Immunotherapy for Cerebral ALD: Leveraging a Novel Mouse Model to Guide Clinical Trial Design			$4,551	
93.853	Predicting Tissue and Functional Outcome in Acute Stroke			$717,924	$110,000
93.853	Prognostic biomarkers for high-impact chronic pain: Development and validation			$2,813,615	$24,256
93.853	Rapid brain-wide optogenetic screening with a noninvasive, dynamically programmable in vivo light source			$526,312	
93.853	Reexamining the role of dendrites in neuronal function	Columbia University	PO G19206 / 5(GG018142-02)	$214,282	
93.853	Role of thalamic modulation in motor learning			$127,510	
93.853	Small-molecule probes for study of CLC-2 chloride-channel function in the central nervous system			$408,845	
93.853	Speaking of Spikes: Connectivity and Language in Benign Epilepsy with Centrotemporal Spikes			$138,308	
93.853	Stanford Neurosurgery and Neurology Resident Research Education Program			$181,751	
93.853	Stanford University Regional Coordinating Stroke Center for the NINDS Stroke Trials Network			$495,892	
93.853	Statistical Models and Mechanisms Linking Biomarkers of Aging to Cognitive-Physical Decline and Dementia	University of Maryland	20709 Request:2683PO1000013468	$43,493	
93.853	Structural and functional imaging markers in Degenerative Cervical Myelopathy	University Of Oklahoma	RS20240099-04	$18,440	
93.853	Structural Basis of Signal Instigation Through Family C GPCRs			$55,162	$13,062
93.853	Synaptic resolution whole-brain circuit mapping of molecularly defined cell types using a barcoded rabies virus			$1,011,191	$655,544
93.853	Targeting GPCRs in amygdalar and cortical neural ensembles to treat pain aversion	University of North Carolina at Chapel Hill	5132522	$141,915	
93.853	Targeting Lag-3 and PD-1 in Myeloid Cells of GBM			$364,526	$16,379
93.853	Temporal lobe epileptogenesis			$533,215	
93.853	The biophysics of skin-neuron sensory tactile organs and their sensitivity to mechanical and chemical stress			$1,121,323	
93.853	The impact of early Tau pathology on cognitive progression and neuropsychiatric symptoms in Parkinson's disease			$445,846	
93.853	The Impact of Gender Affirming Hormone Therapy on Pain in Gender Minority Adults	University of Kansas Medical Center Research Institute, Inc.	SUB00001365	$21,973	
93.853	The power of positivity: a novel class of voltage indicators for high-fidelity brain activity imaging			$70,309	$80,117
93.853	Towards a unified framework for dopamine signaling in the striatum	Harvard University	153407.5111713.0510	$322,506	
93.853	Tracking pre-seizure dynamics to predict and control seizures			$842,073	
93.853	Transcriptional regulation of oligodendroglial differentiation			$103,177	
93.853	Traveling waves in neocortical circuits: mechanisms, computational roles in sensory processing, and impact on sensory perception	Salk Institute for Biological Studies	A24-0019-S003/ P1160747, S004/ P1164865	$1,011,359	
93.853	Using brain lesions and deep brain stimulation to identify an epilepsy circuit	Brigham and Women's Hospital	127390	$11,739	
93.853	Utilizing a Conductive Polymer- Stem Cell System to Augment EndogenousStroke Repair Mechanisms and Improve Functional Recovery			$361,983	
93.855	A Flexible High-Throughput Immunological Assay to Support Next-Generation Influenza Vaccine Studies	Meso Scale Diagnostics, LLC	MSD013484; NIAD1UH2AI176136-01	$125,065	
93.855	A modular cell therapy platform for controlling immunological tolerance			$443,775	
93.855	A Novel Strategy to Identify Protective T cell Epitopes for HPV Therapeutic Vaccine			$4,230	
93.855	A vaccine design to induce protective B and T cell immunity against hepatitis C virus			$2,651,312	$1,091,344
93.855	AAV capsid engineering for enhancing gene transfer			$616,245	
93.855	Accelerated dissociation of IgE receptor complexes			$500,150	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.855	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases			$576,441	
93.855	Aire-dependent thymic B-1a cells play a key role in neonatal tolerance induction			$334,693	
93.855	An injectable hydrogel platform for sustained release of eCD4-Ig	Boston Children's Hospital	GENFD0002402370	$592,234	
93.855	Antimicrobial peptides and antibiotic diffusion in sputum			$1,750	
93.855	Antimicrobial resistance and horizontal gene transfer in the human gut microbiome in response to an antibiotic	Palo Alto Veterans Institute for Research	REL0028-03, -04	$131,227	
93.855	Applied Genomics in Infectious Diseases			$366,320	
93.855	Arbovirus Prediction and Mitigation in the Indo-Pacific			$175,893	
93.855	B and T Cell Biology of Protection from and Eradication of SIV/SHIV Infection	Emory University	A679561	$295,248	
93.855	Cell membrane-coated macroporous scaffolds for enhancing bone regeneration in aging			$500,005	
93.855	Center for Research to Evaluate and Advance TEsts for TB (CREATE)	University of California San Francisco	12362sc	$107,838	
93.855	Center For The Structural Biology of Cellular Host Elements In Egress, Trafficking, and Assembly of HIV (Cheetah Center)	University of Utah	10062103-10-LS; U000494818, U000507943, U000573067	$45,334	
93.855	Changes in Bone Quality, Sarcopenia and Fat Distribution in HIV/HCV Patients After HCV Therapy	University of Pennsylvania	573221; PO# 5312953	$4,457	
93.855	Changing Cultures in Sepsis: Rapid single cell pathogen identification and antibiotic susceptibility testing directly from whole blood			$726,086	$396,291
93.855	Characterization of innate and IgE-mediated mast cell functions in honeybee venom allergy using Collaborative Cross mice			$473,435	
93.855	Characterizing post-renal transplant immune microenvironment dysfunction and its contribution to the development of allograft rejection to predict treatment response			$11,315	
93.855	CHAVD 5UM1 AI144462-05 Administrative Supplement: Evaluating slow-release technologies for enhanced humoral immunity from single-shot vaccines	Scripps Research Institute	GR000301	$15,800	
93.855	CHEETAH Center for the Structural Biology of HIV Infection, Restriction, and Viral Dynamics	University of Utah	10062103-17-LS,PO-U000499056	$40,204	
93.855	Chemical Mycobacteriology			$386,828	$49,264
93.855	Clinical Epidemiology of Infectious Diseases			$313,137	
93.855	Comparison of High versus Standard Dose Flu Vaccine in Pediatric Solid Organ Transplant Recipients	Vanderbilt University Medical Center	VUMC114115	$38,304	
93.855	Computational Drug Repositioning for Antibody Mediated Renal Allograft Rejection	University of California San Francisco	15495sc	$130,743	
93.855	Computational models of naturally acquired immunity to falciparum malaria	University of California San Francisco	12040sc	$283,327	
93.855	Consortium for HIV/AIDS Vaccine Development (CHAVD)-Scripps	Scripps Research Institute	GR000294	$3,720	
93.855	Cost-Effectiveness of HIV Testing in U.S. Emergency Departments			$221,145	
93.855	Covid-19: Advancing the development of a novel class of small molecules for treating pan-coronavirus infections			$691,565	$221,086
93.855	Covid-19: Covalent inhibitors of host cell entry by SARS-CoV-2 for treatment of COVID-19			$97,926	
93.855	Covid-19: Deciphering the Molecular Mechanisms of Response to COVID Vaccine in Kidney Transplant Recipients	Palo Alto Veterans Institute for Research	MAL0008-02	$42,456	
93.855	Covid-19: Defining factors affecting natural killer cells' antibody-dependent responses in COVID-19			$41,983	
93.855	Covid-19: Development of outpatient antiviral cocktails against SARS-CoV-2 and other potential pandemic RNA viruses			$29,074,342	$7,642,196
93.855	Covid-19: Exosomes and the Immune Response in Allograft Outcomes in Pediatric Transplant Recipients			-$170	-$6,175
93.855	Covid-19: Feasibility of conducting HIV surveillance in community wastewater			$231,924	
93.855	Covid-19: Natural Killer cells and the immunogenetics of COVID-19	University of Colorado Denver	FY22.1050.004	$9,986	
93.855	Covid-19: Optimizing a small molecule inhibitor of SARS-CoV-2 replication and associated cytokine storm			$708,215	$500
93.855	Covid-19: Project 1: Antiviral targeting to suppress drug resistance	Sloan Kettering Institute for Cancer Research	MSKSUB00000094/C22619478	$169,726	
93.855	Covid-19: Regulation of lung immunity by antibody glycosylation			$526,310	$276,631
93.855	Covid-19: The immunology and impact of auto-antibody formation in COVID-19			$598,470	
93.855	Culture-free pathogen tracking in hospitalized patients			$251,919	
93.855	CXCL13 as an aging-associated defect in memory T cell homeostasis			$61,884	
93.855	Deciphering mechanisms of CD4+ T cell-dependent clinical immunity to repeated Plasmodium infections			$329,717	
93.855	Deciphering the Inositol Phosphate Code in Viral Pathogenesis and Immunity			$71,297	
93.855	Deciphering the Role of Epstein-Barr Virus Molecular Mimicry and B cell Transformation in Multiple Sclerosis			$684,690	$84,743
93.855	Defining the Role of Epstein-Barr Virus in Multiple Sclerosis			$202,168	
93.855	Defining the role of immunoglobulin G4 (IgG4) in food-induced eosinophilic esophagitis (EoE).	University of Virginia	GR105663.SUB00001415	$48,161	
93.855	Detection of asymptomatic Salmonella enterica serotype Typhi and Paratyphi A carriage by serum antibodies targeting YncE	Massachusetts General Hospital	233137	-$12,053	
93.855	Development and application of a quantitive model for HIV-1 transcriptional activation driven by TAR RNA conformational dynamics	Columbia University	1(GG018420-01)	$276,511	
93.855	Development and characterization of germline-targeted nanoparticle immunogens toward a novel HIV Env epitope			$37,300	
93.855	Differentially Culturable Tubercle Bacteria - The missing link in TB Transmission	Wits Health Consortium (Pty) Ltd	D1811140-05/5R01AI147349-5	$48,765	
93.855	Disentangling the human-vector relationship to disrupt dengue and chikungunya outbreaks in Kenya			$85,796	$48,376
93.855	DIVINCI: Dissection of Influenza Vaccination and Infection for Childhood Immunity	St. Jude Children's Research Hospital	GR-0003452-8150308	$345,258	
93.855	Drivers of strain-specific and strain-transcendent antimalarial immunity in childhood	University of California San Francisco	12219sc	$343,198	
93.855	Elucidating Sex-Differences in Radiation induced Cardiotoxicity with Cell Village iPSCs			$137,480	
93.855	Emerging novel mechanisms of antibiotic resistance in the prevalent foodborne pathogen, Salmonella			$72,292	
93.855	Enhancing immunity to malaria in young children with DP chemoprevention			$977,554	$708,490
93.855	Enhancing surveillance systems to slow the spread of antimicrobial-resistant gonorrhea in the United States	Yale University	GR109896 (CON-80002439)	$33,542	
93.855	Epigenetic Histone Landscape Profiles in HIV			$228,472	$9,061

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.855	Esophageal gland-mediated immune evasion by the human parasite Schistosoma mansoni	University of Texas Health Science Center at Houston	SA0003453/PO UTH224698	$19,386	
93.855	Evaluating the causal effects of anti-malarial chemoprevention in pregnancy and childhood on growth outcomes			$35,036	
93.855	Exploiting and enhancing the IgE-binding epitopes of the 2S albumins of peanuts and tree nuts	University of Colorado Denver	PO1001584844:FY22.141.004	$65,895	
93.855	Exploratory study of pesticide use and coccidioidomycosis			$19,170	
93.855	FLU-CODE: Influenza Modeling of Correlates of Protection for Optimal Immune Dynamics and Evolution	Emory University	A1129057	$120,519	
93.855	Focal mass drug administration (fMDA) to reduce Plasmodium vivax transmission,a pragmatic cluster randomized controlled trial in Peru	University of California San Francisco	13866sc	$47,374	
93.855	Functional genetics of human innate immunity in the bimodal gamma delta T cell response to Epstein-Barr Virus and in education of NK cells and their re-education to respond to autologous cells			-$446	
93.855	Gut Microbiota Modulation of Chikungunya Virus infection and Pathogenesis	Washington University in St. Louis	WU-22-0325/ PO#ST00006053	$115,667	
93.855	HARC: HIV accessory and regulatory complexes	University of California San Francisco	15400sc	$208,346	
93.855	Harnessing the Unique Biogenesis of the Apicomplexan plastid organelle for Antimalarial Targets			$9,214	
93.855	High resolution inflammatory networks induced by HIV reservoirs in adolescents			$552,489	$92,405
93.855	High resolution longitudinal immune monitoring for elucidating immune aging dynamics			$5,238,675	$887,707
93.855	HIV Drug Resistance Database			$715,670	
93.855	HLA Immunogenetics and kidney allograft outcomes	University of Pennsylvania	586483; PO# 5507551	$13,262	
93.855	Host blood biomarkers for the diagnosis, prognosis and treatment response of childhood TB	University of Cape Town	ERA28691,UCT00038351	$123,594	
93.855	Host determinants of enterovirus RNA replication and in vivo neuropathogenesis			$546,570	$229,490
93.855	Host Genes Critical for Flavivirus Infection			$22,367	
93.855	Household transmission of the human gut microbiota after antibiotic exposure			$54,877	
93.855	Human 3D neural-muscular assembloids to study cell tropism and host factor utilization of divergent neuropathogenic enteroviruses			$637,012	
93.855	Human Cytomegalovirus Entry into Cells Mediated by Pentamer and Trimer Complexes	Oregon Health & Science University	1018176_STANFORD	$340,131	
93.855	Human Lung Organoid Models of SARS-CoV-2 Infection			$1,015,225	$249,121
93.855	Immune responses associated with severe disease in patients with primary dengue infection	Emory University	A1097890	$54,339	
93.855	Immune Tolerance Network	Benaroya Research Institute at Virginia Mason	FY25ITN357	$24,378	
93.855	Immunization against filamentous bacteriophages to prevent bacterial infection	University of Montana	PG18-61062-01	$55	
93.855	Implicit Bias in the Evidence: An Evaluation of Female-Predominant Disease			$178,891	
93.855	Influenza responses and repertoire in vaccination, infection and tonsil organoids			$2,402,558	
93.855	Innovative Technologies to Transform Antibiotic Discovery	Broad Institute Inc.	5001913-5500002025, 5001434-5500001961	$88,196	
93.855	Insights into immune-related disease born from population genomics	University of Colorado Denver	FY21.1050.001	$44,584	
93.855	Integrated Genomic and Functional Studies of Immunotherapy for Multi-Food Allergy			$844,456	$43,560
93.855	Integrating genomic and spatial approaches for targeted control of HIV-associated tuberculosis epidemics	Yale University	GR110924 (CON-80002720)	$47,364	
93.855	Long-term health and socioeconomic impact of interventions targeting low-density malaria infection (LMI) among children in Tanzania	University of California San Francisco	13585sc	$17,636	
93.855	Macrophage Immunosuppression by Quorum-Induced Streptococcus pyogenes	University of Illinois at Chicago	19038	$90,408	
93.855	Measuring and Predicting Appropriate Antibiotic Use to Combat Resistant Bacteria			$460,753	$81,498
93.855	Mechanisms of BNT162b2 Vaccine Immunogenicity in Systemic Lupus Erythematosus or Scleroderma			$761,861	
93.855	Mechanisms of Immune Protection Against Respiratory Viruses	Washington University in St. Louis	WU-25-0165-PO#ST00027349	$183,815	
93.855	Mechanisms of persistent Salmonella infection			$501,320	
93.855	Mentoring patient-oriented translational research in tuberculosis			$234,154	
93.855	Metabolic Aldehydes as Immune Effectors Against Tuberculosis	New York University	20-00-00-1003829/POM200367614	$15,424	
93.855	Metabolic imprinting of dendritic cell fate and function in tissues			$141,303	
93.855	MHC and KIR Sequencing and Association Analyses in the iGeneTRAiN Studies	New York University	24-A0-00-1011352/PO M240771144	$8,031	
93.855	Modeling the Impact of Interventions to Reduce Typhoidal Salmonella Transmission in the Indo-Pacific			$120,106	
93.855	Modeling the influence of temperature on the evolution of vector-virus interactions	Health Research, Inc.	7058-01	$91,117	
93.855	Molecular and Cellular Immunobiology			$405,401	
93.855	Molecular and single-cell immunology of myalgic encephalomyelitis / chronic fatigue syndrome			$291	
93.855	Molecular Basis of Host Parasite Interaction			$433,336	
93.855	Molecular Interactions of HIV-1 with the Nuclear Pore Complex	Emory University	A791126, formerlyA237546	$39	
93.855	Multi-omic Biomarker Discovery and Validation in Heart Transplant Patient Populations	NYU Langone Health System	24-A0-00-1011148 M250821396	$124,155	
93.855	Natural killer cell engineering to target the HIV reservoir	University of California Los Angeles	23010000134955	$399,649	
93.855	Neutrophil Extracellular Traps are Free-Radical Generating DNAzymes			$270,052	
93.855	NEW HORIZONS IN THE PREVENTION AND TREATMENT OF FOOD ALLERGY-Outmatch	Johns Hopkins University Hospital	2006520640	$378,194	
93.855	Non-invasive Monitoring for Infections and Rejection after Lung Transplantation			$522,072	
93.855	Novel Lymphocyte Chemoattractant Receptor and Ligand	Palo Alto Veterans Institute for Research	BUT0040-01	$35,429	
93.855	Novel tools for measuring typhoid vaccine impact			$632,437	$366,135
93.855	Optimal targeting for individual and population-level TB prevention	Harvard School of Public Health	117164-5113037	$7,715	
93.855	Pandemrix and T Cell Immunology in Narcolepsy			$181,849	
93.855	Plasmid encoded biofilm formation by the intestinal Bacteroidales and its importance in community ecology and resilience			$251,686	
93.855	Plasmodium Protein Kinase Focused Antimalarials Discovery	University of Central Florida	GR107045	$304,737	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.855	Point-of-care pharmacogenomic testing to optimize isoniazid dosing for tuberculosis prevention			$47,464	$2,970
93.855	PPiSeq: High-Throughput Protein-Protein Interaction Sequencing			$207,744	
93.855	Precision mapping of Schistosoma mansoni risk for targeted public health control and elimination			$939,655	$507,227
93.855	Probing and engineering the B cell response to the skin microbiota			$110,242	
93.855	Programmed Cell Removal (PrCR) by Macrophages: recognition and phagocytosis of target cells			$4,031	$107,024
93.855	Project 3: Fragment-to-lead and target validation	Sloan Kettering Institute for Cancer Research	PO #C22624683	$13,584	
93.855	Project 4: Covalent targeting strategies	Sloan Kettering Institute for Cancer Research	PO #C22621802	$114,315	
93.855	Prospective epidemiologic study of novel etiologic agents of pelvic inflammatory disease	University of Pittsburgh	AWD00002682 (134944-3)	$11,876	
93.855	Real-time predictive modeling for public health departments to control infectious diseases			$510,513	
93.855	Regulation of the IgG Fc domain repertoire			$12,061	
93.855	Research and Development of Vaccines and Monoclonal Antibodiesfor Pandemic Preparedness (ReVAMPP) Centers for Flaviviridae andTogaviridae (U19 Clinical Trial Not Allowed)	Washington University in St. Louis	WU-25-0274/PO#ST00027436	$390,341	
93.855	Role of eosinophils during bacterial infection			$215,785	
93.855	Roles for microRNA-122 and circular RNAs in flavivirus RNA amplification			$91,782	
93.855	Salmonella Interactions with Macrophages			$574,924	
93.855	Sample-to-Answer Rapid, Multiplexed and PCR-Free Detection of Arboviral Fever Diseases in Resource Limited Settings	University of California Santa Cruz	A21-0230-S001/P0754618	$261,992	
93.855	SEAL (Stopping Atopic dermatitis and Allergy) Study: Prevent allergy by enhancing the skin barrier	Harvard University	113159-5126806	$277,979	
93.855	Single-cell based diagnostic platform with single-molecular transcriptional response profiling for rapid phenotypic antimicrobial susceptibility testing of gonorrhea	Johns Hopkins University	2006529857	$276,674	
93.855	Small molecule-induced degradation of dengue proteins as an antiviral strategy			$947,524	
93.855	Stanford TRANSFORM I2T Program			$165,611	
93.855	Strategies for tuberculosis control in prisons			$752,663	$191,195
93.855	Structural Biology Center for HIV/Host Interaction in Trafficking and Assembly	University of Utah	10062103-09-LS;PO U000494816, PO #U000573068	$219,921	
93.855	Structural correlates of T cell receptor signaling			$203,479	
93.855	Structure, function and engineering of immune cytokine receptor signaling			$497,346	
93.855	Structure-based design of broadly protective coronavirus vaccines	University Of Washington	UWSC14156 PO-0100018095	$970,796	
93.855	Structure-Property-Function Relationship in mRNA/CARTs for Targeted mRNA Delivery			$104,008	
93.855	Studies on bacteriophages in respiratory diseases			$52,695	
93.855	SYK and ZAP70 kinases in lymphocyte selection	Yale University	CON-80003970 (GR118387)	$31,727	
93.855	Systematic identification and characterization of immunogenic double-stranded RNAs			$540,203	
93.855	Systems analyses of induction and maintenance of immunity to SARS-CoV-2 vaccination in kidney transplant recipients receiving mycophenolate mofetil immunotherapy	University of California Los Angeles	162500000318337	$6,371	
93.855	Systems biological assessment of innate and adaptive immunity to vaccination			$2,179,533	$290,725
93.855	Systems biological assessment of vaccination-induced protective immunity in African children			$1,093,832	$279,888
93.855	Systems Biology of Early Atopy (SUNBEAM)	Johns Hopkins University	2006503165	$411,373	
93.855	Targeting Inflammation and Alloimmunity in Heart Transplant Recipients with Tocilizumab	Massachusetts General Hospital	232560	$9,537	
93.855	Targeting SHP-1 through a newfound metabolite-regulated cysteine activation site	Dana-Farber Cancer Institute	1412601, 2, 3	$136,252	
93.855	The impact of clinical interventions for sepsis in routine care and among detailed patient subgroups: A novel approach for causal effect estimation in electronic health record data			$503,531	
93.855	The Impact of Epstein Barr Virus Infection on the Immune Response in Pediatric Transplant Recipients			-$40	
93.855	The Impact of Testosterone on Vaginal Atrophy and the Vaginal Microbiome in Transgender Men			$70,240	
93.855	The Protective and Pathologic Features of the EVD Survivor Immune System	University of North Carolina at Chapel Hill	5128303	$81,089	
93.855	Therapeutic and Mechanistic Insights in Food Allergy			$421,503	
93.855	Towards a systematic, functional dissection of genotypic and phenotypic diversity across the Salmonella species.			$4,205	
93.855	Towards HIV eradication: New concepts and potent compounds for PKC-mediated latency reversal	University of California Los Angeles	2301 G LE838	$152,785	
93.855	Ultrasensitive HIV viral load quantitation using designer DNA nanostructure captureprobes and photonic resonator interference scattering microscopy			$782,602	$305,858
93.855	Understanding and targeting non-genetic mechanisms of drug resistance			$92,853	
93.855	Vaccine Induced Immunity in the Young and Aged	Emory University	A1130485	$130,036	
93.855	Vaccine-Induced Immunity in the Young and Aged	Emory University	A1130060	$237,000	
93.855	Validating the Flavivirus Envelope Protein as an Antiviral Target			$664,813	$52,816
93.855	Varicella-Zoster Virus: T Cell/Skin Tropism & Immunity			$233,915	
93.855	Yellow fever in Brazil: new insights on an old disease			$16,477	
93.855	Zika virus nonstructural protein 5 inhibition of interferon signaling	Icahn School of Medicine at Mount Sinai	0255-I324-4609	$38,645	
93.859	A central control system for mitochondrial navigation in neurons			$479,303	
93.859	A single-cell immune landscape in oral dysplasia and its malignant transformation	University Of The Pacific	150790-02	$80,250	
93.859	A Synchrotron Radiation Structural Biology Resource			$5,726,687	$74,020
93.859	A universal pipeline for functional characterization of the human microbiota at a massive scale	Massachusetts Institute of Technology	S5065 - PO 473143, S5064-PO 470995	$309,846	
93.859	Antigen Density Sensors for Cell Engineering			$419,576	
93.859	Bacterial Cell Wall Composition and the Influence of Antibiotics			$77,062	
93.859	Biophysical studies of macromolecules and molecular assemblies			$381,723	
93.859	BioPortal: An Expansive Knowledgebase of Biomedical Entities and Relations			$1,278,084	$323,771
93.859	Capturing the Holistic Glycocode through Systems Glycobiology			-$409	
93.859	Cellular and Molecular Biology Training Program			$2,068	
93.859	Cellular regulation of viscosity			$48,220	
93.859	Cellular Response to Genetic Change			$550,369	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.859	Characterizing Pareto fronts: Trade-offs in the yeast growth cycle constrain adaptation			$22,427	
93.859	Characterizing the Regulation of Ferroptosis			$469,693	
93.859	Chemical glycobiology tool development: Proximity-based modalities			$26,878	
93.859	Chemical tools for developmental biology			$739,142	
93.859	Comparative systems biology defines regulatory mechanisms in whole-body regeneration			$507,997	
93.859	Comprehensive analysis of macromolecule structural variability in CryoEM/CryoET			$419,117	
93.859	Computational- and experimental- driven discovery of splicing regulation and circRNA function			$585,943	
93.859	Computational methods for characterizing sources of variability in drug response			$287,189	
93.859	Co-Translational Folding of Metamorphic Proteins: Assessing Structure-Function Transitions of the Mitotic Checkpoint Protein MAD2 on the Human Ribosome Surface and in the Presence of Folding Effectors			$169,180	
93.859	Covid-19: Next-generation computational/chemical methods for complex RNA structures			$1,043,287	
93.859	Cytoplasmic organization and systems-level function in Xenopus extracts			$738,628	
93.859	Data-Rich Strategies for Programming Ligand-Responsive RNA Regulatory Systems			$202,344	
93.859	Deciphering the molecular mechanisms of sterol lipid trafficking in bacteria			$575,410	
93.859	Decoding cell surface chemistry and function in Staphylococcus aureus			$33,895	
93.859	Delineation of genetic architecture underlying complex traits at molecular, individual and population levels			$96,527	
93.859	Determine how protein synthesis is regulated during cell growth and division			$30,041	
93.859	Determining how cell growth triggers cell division			$487,196	
93.859	Discovery and Engineering of Plant Natural Product Pathways			$302,390	
93.859	Dissecting enzyme function at scale using synergistic advances in microfluidics and genetic code expansion			$57,289	
93.859	DMS/NIGMS 2: A Stability Driven Recommendation System for Efficient Disease Mechanistic Discovery	University of California Berkeley	00011606/BB01801313	$4,417	
93.859	DNA Transistors for Cellular Programming			$12,230	
93.859	Dynamics of Translation			$622,610	
93.859	Emergent Properties of Complex Systems: From Atoms to Macromolecules; from Humans to Societies			$536,314	
93.859	Evolutionary Genomics of Yeast			$306,936	
93.859	Examining the conditionality and time dynamics of evolutionary constraint in yeast			$73,859	
93.859	Experimental and bioinformatics platform for epigenome analysis using nanopore sequencing	University of Michigan	SUBK00020797 PO# 3008181381	$156,714	
93.859	Extending the temporal and spatial capabilities of single-molecule methods			$572,700	
93.859	Fitness Effects of Beneficial Mutations			$531,160	
93.859	Formation and Regulation of Meiotic Crossovers			$74,079	
93.859	From proteins to cells to tissues: A multi-scale assessment of biomechanical regulation by the myosin molecular motor			$474,437	$296,359
93.859	Function of Protein Methylation in Chromatin and Signaling Regulation			$574,966	
93.859	Generative neural networks for structure-based antibody design			$483,169	
93.859	Genetics and Developmental Biology Training Program			$520,642	
93.859	Genomics of rapid adaptation in the lab and in the wild			$451,399	
93.859	Graduate Training Program in Biotechnology			$323,752	
93.859	Guanidinium Toxins as Molecular Probes for NaV Study			$511,532	$52,521
93.859	Harnessing the human monocyte system to improve surgical recovery			$398,302	$96,851
93.859	In vivo characterization of CNE/SNPs and identification of cis (dys)regulated genes			$420,495	$135,462
93.859	Investigating the molecular details of assembly, disassembly and trafficking of GPCR-arrestin complexes			$1,009	
93.859	Investigating the role of protein quality control in osmotic stress adaptation			$44,112	
93.859	K99 TULP3 integrates essential ciliary functions			$143,379	
93.859	Leveraging environmental drivers to predict vector-borne disease transmission			$369,086	$86,704
93.859	Machine Learning for Integrative Modeling of the Immune System in Clinical Settings			$614,040	
93.859	Mapping and Therapeutic Hijacking of Lysosomal Transport			$358,797	
93.859	Mechanism of the Eukaryotic Chaperonin TRiC/CCT			$353,651	
93.859	Mechanisms and Evolution of Assembly-Line Polyketide Synthases			$251,385	
93.859	Mechanisms controlling microtubule organization during cell differentiation			$516,785	
93.859	Mechanisms controlling the inactivation of microtubule organizing center function at the centrosome			$1,578	
93.859	Mechanisms of amino-acid sensing by the GATOR complex			$288,706	
93.859	Mechanisms of cell-size control in Gram-negative bacteria			$273,320	
93.859	Mechanisms of Ciliary Signaling Controlling Obesity and Metabolic Disease			$429,060	
93.859	Mechanisms of CLC Transporters and Channels			$418,174	$19,246
93.859	Mechanisms of Kinetochore Assembly			$431,277	
93.859	Mechanisms of Mechanotransduction by LIM Domain Proteins	University of Chicago	AWD103166 (SUB00000787)	$59,263	
93.859	Mechanisms of R-loop-Associated Genome Instability			$475,669	
93.859	Mechanisms of Smoothened Activation in Hedgehog Signaling	University of California San Francisco	13354sc	-$20,482	
93.859	Medical Scientist Training Program			$1,986,884	
93.859	Meiotic Chromosome Inheritance in C. elegans			$767,117	
93.859	Mitosis in Confining Microenvironments	Purdue University	11001473-014	$84,267	
93.859	Model-based optimization of pain management in surgical patients			$48,863	
93.859	Modular Reagents for Programmable RNA Manipulation by Endogenous Proteins			$72,266	
93.859	Molecular and cellular mechanisms of store-operated calcium channels			$552,665	
93.859	Molecular Biophysics Training Program at Stanford			$555,747	
93.859	Molecular mechanisms of Hedgehog receptor function			$390,553	
93.859	Molecular mechanisms of mitochondrial membrane transport systems in cellular energetics			$1,041,017	
93.859	Molecular mechanisms of Wnt and mechanical signaling through -catenin			$218,730	
93.859	Molecular mechanisms underlying force transduction at cellular adhesion complexes			$1,086,320	
93.859	Molecular Pharmacology Training Program			$404,604	
93.859	mRNA Template-free Protein Elongation: a New Paradigm for Quality Control at the Ribosome			-$272	
93.859	Multi-scale, model-driven exploration of sub-generational gene expression in bacteria: individual consequences, population benefits			$596,657	$225,366
93.859	Myeloid lineage targeting to improve recovery from injury and surgery: Cellular and molecular mechanisms			$420,533	
93.859	Myosin Movement in Vitro-Molecular Characterization			$464,733	$62,022
93.859	Nanoscale probes for sensing molecular functions in live cells			$748,860	
93.859	New Statistical Methods for Medical Signals and Images			$573,942	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.859	Novel coalescent approaches for studying evolutionary processes.			$448,853	
93.859	Novel Mechanisms of Regenerative Wound Healing	Baylor College of Medicine	P700000021	$7	
93.859	OpenMM: Scalable biomolecular modeling, simulation, and machine learning			$376,946	$125,588
93.859	Organ-scale regulation of stem cell dynamics			$464,058	
93.859	Physiology of bacterial metabolism in the human gut microbiome			$323,951	
93.859	Planar cell polarity mechanisms and systems architecture			$872,987	
93.859	Precision medicine for Asian Americans requiring anesthesia			$565,354	
93.859	Predicting adverse drug reactions via networks of drug binding pocket similarity			$44,112	
93.859	Probing the architecture, assembly, and function of amyloid-polysaccharide entanglements in bacterial biofilms			$39,228	
93.859	Programmable evolution of optogenetic systems - P. Kyriakakis			$5,411	
93.859	Protein Folding in the Eukaryotic Cytosol			$443,457	
93.859	Protg: A Knowledge-Engineering Environment for Advancing Biomedical Sciences			-$1,086	
93.859	Quantitative approaches for mapping the real-time evolution of the gut microbiota			$534,318	
93.859	Quantitative, High-throughput Mechanistic Enzymology			$660,405	
93.859	Recombineering-based no-cleavage gene-editing toolkit for large-scale genome engineering and functional screening			$196,744	
93.859	Regulated Protein Degradation			$99,188	
93.859	Regulation of Adherent Cell Proliferation by Matrix Viscoelasticity			$343,404	
93.859	Regulation of proliferation and differentiation in the male germ line adult stem cell lineage			$697,375	
93.859	Regulatory and Mechanistic Understanding of ADAR-Mediated RNA Editing			$489,108	
93.859	Research in Anesthesia Training Program (ReAP)			$344,265	
93.859	Role of pseudouridines in pre-mRNA processing			$121,970	
93.859	Sexual harassment Training Of Principal investigators (STOP)			$542,080	$57,261
93.859	Signal transduction in development and disease			$743,165	
93.859	Single-cell analysis and synthetic control of mammalian chromatin dynamics and gene regulation			$443,617	
93.859	Single-Molecule Imaging for Cell Biology and Super-Resolution Microscopy			$624,154	
93.859	Spectroscopic Characterization of Oxygen Intermediates in Non-heme and Heme Iron Enzymes			$380,348	
93.859	Stanford ChEM-H Chemistry/Biology Interface Predoctoral Training Program			$372,252	
93.859	Stress Response Pathways Regulating Protein Homeostasis			$477,621	
93.859	Structural Dynamics and Mechanochemical Coupling in DNA Gyrase			$302,749	$93,787
93.859	Structural Dynamics at LCLS			$1,377,195	
93.859	Structure and Function of SWEET Sugar Transporters			$205	
93.859	Structure and mechanism of the centrosome-cilium complex			$266,719	
93.859	Structure-Function Analysis of DNA Replication Initiation Factors Implicated in Disease			$463,154	
93.859	Survival data analysis using general censoring-free incident rate	Dana-Farber Cancer Institute	1337601, 1337602	$44,250	
93.859	Symmetry Breaking in Cell Assemblies			$75,122	
93.859	Systematic elucidation of calcineurin phosphatase signaling in humans			$344,135	
93.859	The biogenesis and functions of pre-meiotic small RNAs in male reproductive development in maize	University of California Davis	UCDPO00113342/A24-4044-S002	$38,865	
93.859	The population genomics of hybridization: from genetic incompatibilities to genome evolution			$520,228	
93.859	The Role of Chromatin in Metabolic Homeostasis			$545,642	
93.859	The role of UFMylation in ribosome quality control at the ER			$556,496	
93.859	The Stanford-SLAC CryoEM Center			$5,570,743	
93.859	Transcriptome Analysis with RNA-Reactive Probes			$746,294	
93.859	Uncovering fundamentals of gene regulation by enhancers			$646,484	
93.859	Understanding the mechanism of diversity generation through directional selection			$72,379	
93.865	2024 Santa Cruz Developmental Biology Meeting			$10,000	
93.865	A molecular pathway that links N-glycosylation to birth defects			$367,488	
93.865	A Novel Orogastric/Nasogastric Feeding Tube for Optimizing Nutritional Administration in Preterm Infants	TheraNova LLC	TNV 1013	$47,723	
93.865	A prospective study of male factors, fertility, and pregnancy outcomes	Boston University	4500004002	$143,762	
93.865	A randomized controlled trial of frozen embryo transfers performed in modified natural versus programmed cycles (NatPro)			$79,444	$45,984
93.865	A randomized trial of household concrete flooring and child enteric pathogen infection			$889,533	$395,645
93.865	A US-UK Collaborative Study of the Health of Children Born From In Vitro Fertilization: From Conception Through Young Adulthood	Baylor College of Medicine	PO# P700000803	$15,798	
93.865	Active Surveillance of the Safety of Antipsychotic Medications in Pregnancy	Brigham and Women's Hospital	125323	$35,634	
93.865	Advancing novel survey tools to increase participation and improve sexual and reproductive health data quality	Ibis Reproductive Health	SPO 268988	$281,936	
93.865	An AI-driven total parenteral nutrition platform for cost-effective and scientifically personalized nutrition for premature newborns	Takeoff Lifesciences	SPO 316171	$88,040	
93.865	Cellular mechanisms in the vagina of women with recurrent vaginal prolapse after prolapse surgery			$16,249	
93.865	Center for Reliable Sensor Technology-Based Outcomes for Rehabilitation (RESTORE)			$1,316,093	$106,691
93.865	Characterizing Inter-and Intra-Individual Variation in Cortical Neuron Differentiation in Human Induced Pluripotent Stem Cells	Spaulding Rehabilitation Hospital Corporation	500629	$9,987	
93.865	Characterizing synaptic phenotypes in FXS human organoids and FXS mouse models	Emory University	A1026599	$354,761	
93.865	Characterizing the role of affective information in early word learning using observational and experimental designs			$68,163	
93.865	Comparative Safety of Antibiotics for Common Bacterial Infections During Pregnancy	Brigham and Women's Hospital	127850	$27,695	
93.865	Connectivity, activity, and function of a hypothalamic pathway in female social behaviors			$350,664	
93.865	Deep Phenotyping of Dyslexia Subtypes			$258,714	
93.865	Developing Clinical Benchmarks and Quality Indicators for Late Preterm Infants During the Birth Hospitalization			$151,504	
93.865	Developing deep learning algorithms for studying infant brain and behavior relationships			-$860	
93.865	Development and Patterning of the Enteric Nervous System			$196,352	
93.865	Development of allosteric HIPK4 inhibitors as non-hormonal male contraceptives			$231,120	$199,098
93.865	Development of Evidence-Based Practices for the Management of Neonatal Hypothermia in the Newborn Nursery			$13,421	
93.865	Disentangling the role of poverty-related experiences on childrens self-regulation: Identifying dynamic and contextually-relevant mechanisms			$81,685	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.865	Disparities in Processes and Outcomes of Care Across Asian/Pacific Islander Populations at Childbirth			$649,559	$120,288
93.865	Do Hair Cortisol and Hair Oxytocin represent the Stressful and Supportive Experiences of Preschool Children?			$1,076,561	
93.865	Dopamine regulation of infant perceptual motor development and communication			$867,031	
93.865	Early and Reinfection in High Risk Women	Fred Hutchinson Cancer Center	0001127564	$150,913	
93.865	Effectiveness of an mHealth psychosocial intervention to prevent transition from acute to chronic postsurgical pain in adolescents	Seattle Children¿s Research Institute	13236SUB	$180,096	
93.865	Endometrial immune microenvironment dysfunction in endometriosis pathobiology			$115,150	
93.865	Enhancing Effectiveness of a Dissonance-Based Obesity Prevention Program			$117,684	$26,396
93.865	Establishing Walking-related Digital Mobility Outcomes for Neuromuscular Disorders.	Columbia University	2(GG019142-02)/PO#G20063	$65,486	
93.865	Evaluation of ovarian reserve, aging and fertility preservation in women with sickle cell disease			$3,116	
93.865	Functional dissection of a molecularly identified female-specific neural pathway in mice			$671,350	
93.865	Futuros Fuertes 2.0: A primary care based intervention to prevent obesity in low-income Latino children	University of California San Francisco	14868sc	$21,409	
93.865	Gaining insights: the effects of the RMK gain-of-function mutations on brain development and neurodevelopmental disorders			$470,838	
93.865	Genomic and neural circuit characterization of interoceptive experience-modulated female behavior in mice			$559,339	
93.865	Genomic Predictors of Pregnancy Loss			$1,224,100	$552,348
93.865	Gestational Diabetes Drugs and Perinatal Outcomes in Underserved Populations	Vanderbilt University Medical Center	VUMC99802	$220	
93.865	Identifying and characterizing mortality hotspots in low- and middle-income countries			$99,394	
93.865	Impaired fecundity and future health: a prospective investigation of pregnancy planners in North America and Denmark			$578,499	$384,430
93.865	Improving outcomes of periviable births	University of California San Diego	706356	$23,216	
93.865	Inequities in family engagement in the neonatal intensive care unit			$79,537	
93.865	Influence of maternal virome and HIV status on infant enteric virome and immune ontogeny	Seattle Children¿s Research Institute	12533SUB	$183,117	
93.865	Interdisciplinary research training in maternal and childhood pain			$294,657	
93.865	Interventions in math learning disabilities: cognitive and neural correlates.			$1,231,009	
93.865	Large-scale Implementation of Community Co-led Maternal Sepsis Care Practices to Reduce Morbidity and Mortality from Maternal Infection	Duke University	303002836, 303003721	$413,709	
93.865	Learning-Relevant Emotion Socialization: Validation of a Novel Questionnaire Measure for Mothers and Fathers from Diverse Racial/Ethnic Backgrounds in the United States			$195,743	
93.865	Leveraging psychobiologic markers of stress to reduce severe maternal morbidity in pregnant people with mental illness			$162,527	
93.865	Live embryo imaging for biopsy-free aneuploidy detection			$653,194	
93.865	Longitudinal Neurocognitive Studies of Mathematical Disabilities: trajectories and outcomes			$753,753	
93.865	Long-term neurocognitive outcomes of HIV-exposed uninfected children	University of Maryland	22000 / PO#1000022113	$21,022	
93.865	Machine learning and Multiomics for Predictive Models and Biomarker Discovery in Preterm Infants	Baylor College of Medicine	P700000806	$153,915	
93.865	Machine learning in satellite imagery and other publicly available geotagged data to enable continuous monitoring of maternal and child health at an extremely high spatial resolution			$331,152	
93.865	Measuring Behavioral Synchrony as a Dyadic Mechanism of Early Intervention			$5,084	
93.865	Measuring Neonatal Regionalization			$779,284	$307,513
93.865	Mechanisms Regulating Inflammatory Phenotypes in Fetal Macrophages			$380,766	
93.865	Molecular Imaging and Diagnosis of Endometriosis using Mass Spectrometry Technologies	Baylor College of Medicine	P700000255 / R01 HD101560	$4,109	
93.865	Multi-center Randomized Controlled Trial of Refeeding in Anorexia Nervosa	University of California San Francisco	12914sc	$220,762	
93.865	Multiplex gene sequencing and metabolomics analysis from newborn dried blood spots to improve screening and diagnosis of metabolic disorders	Yale University	GR111297(CON-80002682)	$39,728	
93.865	Neural mechanisms of successful intervention in children with dyslexia			$116,982	
93.865	Neuronal and genetic imprints of male mating experience			$41,769	
93.865	NICHD Cooperative Multicenter Neonatal Research Network			$338,306	
93.865	Obstetric delivery volume, regionalization, and maternal and infants outcomes.			$187,333	$58,116
93.865	Oxytocin-mediated calcium signaling in physiologic uterine contractility and uterine atony			$168,133	
93.865	Palliative Care Needs of Children with Rare Diseases and their Families	Children's National Hospital	30009036-01	$5,098	
93.865	Passive phototherapy to improve sleep in teens			$699,848	
93.865	Pediatric Global Health Subspecialty Fellowship			$430,149	
93.865	PediAtric ReseArch of Drugs, Immunoparalysis and Genetics during MODS (PARADIGM)	Research Institute at Nationwide Children's Hospital	700196-0424-00; PO# 4605508	-$1,782	
93.865	Pediatric Scientist Development Program - Predicting human immune dysregulation from the antigen-receptor repertoire	Weill Cornell Medical College	241381-11	$85,703	
93.865	Pilot trial comparing transpyloric to gastric feeding in very preterm infants with bronchopulmonary dysplasia			$115,951	$21,947
93.865	Predicting language processing efficiency in preterm children: Social-environmental and neuro-biological factors			$627,794	
93.865	Predicting long-term outcomes in preterm infants using multi-modal neuroimaging techniques and environmental factors			$63,827	
93.865	Putting data in context to mitigate pediatric inpatient prescribing errors			$80,861	
93.865	Rapid remodeling of the translatome underlying wound healing and regeneration			$399,360	
93.865	RCT of FIND video coaching intervention for caregivers facing economic adversity	University of Oregon	217160A	-$131	
93.865	Robust and precise imaging of infant brain development with magnetic resonance imaging			$435,906	
93.865	Safety of Benzodiazepines and Non-Benzodiazepine Sedative Hypnotics in Pregnancy	Brigham and Women's Hospital	127603	$62,850	
93.865	Single cell analytics and drug discovery at the endometrial-myometrial junction in symptomatic adenomyosis	University of California San Francisco	15503sc	$86,362	
93.865	Sleep in Autism Spectrum Disorder			$1,881,136	
93.865	Social Determinants of Adolescent and Young Adult Mortality: New Evidence from Large-Scale Administrative Data			$359,792	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.865	SoleStim Neuromodulation System, a home-use device for the treatment of dysmenorrhea	TheraNova LLC	TNV115425	$33,785	
93.865	Specialized Translational Control of Stem Cell Differentiation and Embryonic Development			$742,987	
93.865	Stanford PRIHSM: PReventing Inequities in Hemorrhage-related Severe Maternal Morbidity			$1,969,932	$119,180
93.865	Stanford Women's Reproductive Health Research Career Development Program			$194,911	
93.865	Targeting the neurobiology of restricted and repetitive behaviors in children with autism using N-acetylcysteine			$278,536	
93.865	Testing a Framework of Environmental Adaptation in Children's Learning Strategies			-$605	
93.865	The Economics of Special Education for Individuals with Developmental Disabilities including Down Syndrome			$8,679	
93.865	The effect of gender-affirming sex steroids on brain development in adolescents	Boston Children's Hospital	GENFD0002622271	$24,612	
93.865	The Impact of Natural Disasters on Child Health	University of Southern California	SCON-00006841	$343,924	
93.865	The Impact of Opioids on Health Outcomes for Hospitalized Infants	Children's Hospital Los Angeles	000014111-A	$75,404	
93.865	The Multi-Omic Milk (MuMi) Study: Leveraging the IMiC Platform and the CHILD Cohort to study human milk as a biological system and understand its composition, determinants and impacts on child health	University of Manitoba	UM56351-Stanford-01 C45265	$130,728	
93.865	The Optimizing Nutrition and Milk (Opti-NUM) Project: Improving growth and neurodevelopment of very low birth weight infants through precision nutrition	Hospital for Sick Children	SPO258469	$106,105	
93.865	The role of the endogenous retroviral family, IAP, in placentation.			$424,140	
93.865	Theranostics for Pediatric Brain Cancer			$844,408	
93.865	Towards Identifying Optimal NICU Admission Criteria for Late Preterm Infants			$30,558	
93.865	Tuning of infant olfactory circuits by early life interactions with caregivers			$30,942	
93.865	UCSF Stanford Endometriosis Center for Discovery, Innovation, Training and Community Engagement	University of California San Francisco	12998sc	$452,685	
93.865	Understanding the Short- and Long-Term Impacts of Childhood Exposure to Violence: Evidence from School Shootings			$67,230	$67,230
93.865	Unraveling neuronal and molecular mechanisms of flexible social behavior in mice			$29,923	
93.866	A Digital Biometrics Approach to Reducing Hospital Admissions for Underserved Older Adults with COPD (MAITC)	University of Massachusetts Amherst	016677-9228/PO A001575217	$45,269	
93.866	A facial expression-based personalization engine (FPE) for monitoring and modulating real-time effective engagement in cognitive training in older adults at risk for AD-dementia			$529,736	$69,671
93.866	A Mentoring Program in Kidney Care for Older Adults			$124,228	
93.866	A new P2Y12R PET radioligand for measuring microglial function in Alzheimer's disease			-$1,023	
93.866	A Phase 2b Clinical Study of the P38 Alpha Kinase Inhibitor Neflamapimod in Patients with Dementia with Lewy Bodies (DLB)	EIP Pharma, Inc.	SPO 315980	$193,114	
93.866	Accelerating Behavioral and Social Science through Ontology Development and Use	University of Florida	SUB00004665	$90,404	
93.866	Administrative and Data Managment Core [Development of Human Microphysiological Systems for Testing of AD/ADRD Interventional Strategies across Genetically Diverse Populations]	Brigham and Women's Hospital	GR1001810-S04	$5,254	
93.866	Advanced signal processing methods for neural data analysis to support development of brain dynamic biomarkers for research and clinical applications inpatients with Alzheimer's and related dementias			$1,249,694	
93.866	Advancing Geriatrics Infrastructure and Network Growth (AGING) Initiative	University of Massachusetts	SUB00000395 // PO WA01487167	$42,777	
93.866	AI-Enhanced Brain PET Imaging for Alzheimers Disease			$88,057	
93.866	Altered ENS Neuroimmune Interactions Disrupt Gastrointestinal Motility in Alzheimers Disease	Palo Alto Veterans Institute for Research	BEC0001-01	$98,354	
93.866	Alzheimer Gut Microbiome Project (AGMP) - Duke University U19	Duke University	303002700	$2,651	
93.866	Alzheimer's Clinical Trials Consortium (ACTC)	University of Southern California	SCON-00005616, SCON-00007281, SCON-00007083	$480,857	
93.866	Alzheimer's Disease Genetic Consortium	University of Pennsylvania	589933; PO 5420962	$10,065	
93.866	Alzheimer's Disease Research Centers	Wake Forest University	1081-33664-11000003013	$6,159	
93.866	Alzheimer's Disease Sequencing Project Phenotype Harmonization Consortium	Vanderbilt University Medical Center	VUMC95837	$547,485	
93.866	APOE Genotype, Cerebral Small Vessel Disease, and Cognitive Impairment: Investigating Interactions and Disparities in Brain Health Among Diverse Populations	University of Wisconsin-Madison	0000003979	$70,708	
93.866	APOE4 dependent regulation of CSF Complement Pathway Activation in the development of Alzheimer's Disease	Duke University	303004173	$41,643	
93.866	Application of precision medicine to phototherapy: a stepped care approach to consolidate sleep and slow cognitive decline in older adults			$129,758	
93.866	Artificial Intelligence for early Detection of PAD (AID-PAD)	University of California San Diego	706707	$222,161	
93.866	Asian Cohort for Alzheimer's Disease (ACAD)	University of Pennsylvania	PO5436328/RIS75912/PO5442891/RIS75915	$168,720	
93.866	Auracle An AI-Enabled Telecare System to Support the Independence and Safety of Individuals with AD/ADRD and Other Dementias	Gen Nine, Inc.	184530	$30,982	
93.866	Automatic Assessment of Neuropsychiatric Symptoms Using Non-Intrusive Contactless Ambient Intelligence Technologies	Johns Hopkins University	2006267987	$214,064	
93.866	BEET root juice to reverse functional impairment in PAD: The BEET PAD Trial	Northwestern University	60062622 SU	$17,845	
93.866	Behavioral, Electrophysiological, and Pupil-based Rhythms of Attention and Memory in Young and Older Adults			$10,571	
93.866	Binding NF-B essential modulator (NEMO) to Treat Surgical Pain			$213,861	
93.866	Brain Vulnerability in Delirium and Alzheimers Disease and Related Dementias: Intersection of Polygenic Risk and Inflammation	Beth Israel Deaconess Medical Center	GRT65229	$40,650	
93.866	Building a Platform for Precision Anesthesia for the Geriatric Surgical Patient			$779,227	
93.866	Cardiovascular and Cerebrovascular Risk Factors for Mobility Limitation in the Jackson Heart Study			$176,674	$115,197
93.866	CD36-dependent neuroimmune pathway regulates disruption of gut motility in Alzheimers Disease			$66,436	
93.866	Cellular senescence in chronic pain and aging			$57,445	
93.866	Center for Advancing Socioedemographic and Economic Study of Alzheimers Disease and Related Dementias (CeASES-ADRD)	University of Southern California	SCON-00006866	$10,266	
93.866	Cerebral Autoregulation in the Cardiac Surgery Intensive Care Unit: Associations with Postoperative Delirium, Cognitive Change, and Biomarkers of Brain Injury	Johns Hopkins University	2006747743	$12,816	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.866	Cerebral Autoregulation in the Cardiac Surgery Intensive Care Unit: Associations with Postoperative Delirium, Cognitive Change, and Biomarkers of Brain Injury			$34,488	
93.866	Characterizing biopsychological mismatch during cognitive training in mild cognitive impairment as a means of improving transfer			$119,384	
93.866	Characterizing sleep brain dynamics associated with Alzheimer's disease (AD) pathology and progression in humans using EEG source localization and PET			$1,117,413	$348,369
93.866	Clonal Hematopoiesis Aging Resiliency Mechanisms (CHARM)	Vanderbilt University Medical Center	VUMC126794	$775,656	
93.866	COCOA flavanols to improve walking performance in PAD: the COCOA-PAD II Trial	Northwestern University	60059377 SU / R01 AG068458	$9,199	
93.866	COCOA PAD II: Effect of Cocoa Flavanols on the Gut Microbiome and Functional Performance	University of Chicago	AWD104563 (SUB00001031)	$21,028	
93.866	Cognitive, urinary, and functional trajectories of older women using pharmacologic treatment strategies for urgency incontinence			$120,092	
93.866	Columbia University Science of Behavior Change Resource and Coordinating Center	Columbia University	1(GG015971-06): SAPO G18153, G19443	$222,361	
93.866	Combinatorial Perturbation with Multi-Omics Readout to Dissect Etiology of Alzheimer's Disease Using Stem Cell and In Vivo Models			$108,024	
93.866	Consortium For Clarity in ADRD Research Through Imaging (CLARITI)	University of Wisconsin-Madison	0000004179, 0000003323	$524,097	
93.866	Contribution of hypocretin neuron activity to Alzheimer's related sleep disturbances			$131,389	
93.866	Control of Muscle Stem Cells to Enhance Regeneration			$468,048	
93.866	Covid-19: A New Database to Measure the Association Between Income, Race and Mortality: Inequality in Longevity During and Beyond the COVID-19 Pandemic	National Bureau of Economic Research	41890.01.00.00.Stanford	$82,033	
93.866	Covid-19: Equality vs. Equity by Social Vulnerability, Race, Ethnicity, and Health Among Older Americans: Evidence from Randomized and Targeted COVID-19 Vaccine Invitations and Methods from Economics	University of Michigan	SUBK00020821/ PO 3008394336	$5,581	
93.866	Deciphering the glycan code in human Alzheimer's disease brain	University of Florida	SUB00003801	$140,979	
93.866	Defining modifiers and mechanisms of RAN translation			$695,577	
93.866	Defining the landscape and mechanisms of redox regulation of metabolism during aging			$171,428	
93.866	Deprescribing Cardiovascular Medications among Persons with and without Alzheimers Disease and Related Dementias in Long-Term Care	Palo Alto Veterans Institute for Research	LIC0002-01	$87,700	
93.866	Deprescribing Cardiovascular Medications among Persons with and without Alzheimers Disease and Related Dementias in Long-Term Care Subaward	Palo Alto Veterans Institute for Research	ODD0001-01	$120,883	
93.866	Develop an ANS-based Personalized Cognitive Training for Mild Cognitive Impairment			$825,522	$158,538
93.866	Developing a cell-on-chip platform to study oligodendrocyte-neuron interactions in plasticity and neurodegeneration			$317,967	
93.866	Developing a framework to individualize surgical decision-making for older adults with primary hyperparathyroidism			$294,411	
93.866	Developing a novel system combining cognitive assessment with PASCALL FDA-cleared intraoperative anesthesia EEG brain monitor to prevent postoperative neurocognitive disorders in aging patients	Pascall Systems, Inc.	L4-PO058	$68,571	
93.866	Developing advanced diffusion MRI for early detection of Alzheimer's disease			$117,324	
93.866	Development of a Novel PET Tracer for Imaging Microglial Function in Alzheimer's Disease			-$5,604	
93.866	Diagnosis and risk factors of hippocampal sclerosis of aging; a common Alzheimer's mimic in the oldest old	University of California Irvine	2024-2286	$43,270	
93.866	DPPOS-4 - Alzheimer's Disease and Alzheimer's Disease Related Dementias in Prediabetes and Type 2 Diabetes: The Diabetes Prevention Program Outcomes Study AD/ADRD	George Washington University	S-DPA2425-EL31	$12,691	
93.866	Early Onset AD Consortium - the LEAD Study (LEADS) - Social Worker Funds	Trustees of Indiana University	9119_SU (SW)/PO0717947	$18	
93.866	Effects of attention and goal-state lapses on memory in healthy and pathological aging			$761,813	
93.866	Effects of Job Quality in the Service Sector on Health-Related Outcomes Across the Life Course	Harvard University	100887-5119934 / R01 AG066898	$16,908	
93.866	Epigenetics Biomarker of Post Operative Delirium and Long Term Cognitive Decline among Elderly Dementia Patients			$719,926	$67,242
93.866	Evolutionary Conserved Mechanisms that Control Central Nervous System Development Regeneration and Degeneration			$520,791	
93.866	Examining CSF and Blood Biomarkers to Gain Insight into Postoperative Delirium and Neurocognitive Dysfunction			$82,246	
93.866	Eye-tracking and Multimodal Biomarkers to Enhance Detection of Preclinical Alzheimer's Disease in Diverse Populations.			$41,809	
93.866	From Molecules to Behavior: Understanding How Aging Impacts Entorhinal-based Navigation			$12,975	
93.866	Functional and Cognitive Outcomes and Recovery after Emergency Department Visits among Older Adults with Dementia (FACTOR-ED)	New York University	24-A1-00-1011311/M250827678	$106,412	
93.866	Geroscience metabolites beta-hydroxybutyrate and NAD+ linking inflammation and neuroenergetic failure in delirium	Buck Institute	SUB-JN102-SU	$20,868	
93.866	Glycemic Control and Dementia: The Role of Pharmacotherapy and Vascular Complications	Kaiser Foundation Research Institute	RNG210618-Stanford	$304	
93.866	Hair-greying and melanocytic regulation of BCL2 in a non-model organism			$380,474	$63,648
93.866	High Deductible Health Plans and Receipt of Recommended Medical Care	CU Innovations Regents of University of Colorado Anschutz Medical Campus	FY24.1300.001/PO10019921 53	$6,722	
93.866	Hip Fracture Pathology in Chronic Kidney Disease	University of California San Diego	704928	$12,054	
93.866	Hippocampal-dependent memory decline in aging and early Alzheimer's disease			$1,316,662	
93.866	Identifying barriers to optimizing data sharing and accelerate discovery in Alzheimer's disease and related dementia research	Georgia State University	SP00015890-04	$38,189	
93.866	Identifying signatures of brain aging through heterochronic blood exchange	University of California Santa Cruz	A21-0543-S002	$85,858	
93.866	Identifying the mechanistic role of and reversing aberrant neural activity in Alzheimer's Disease			$102,650	
93.866	Illuminating Our Understanding of Statins and Alzheimer's Disease and Dementia Using Modern Causal Inference Methods	Columbia University	1(GG017380-01) SAPO G18941	$182,153	
93.866	Illuminating the APOE Locus: Long-Read Sequencing and Innovative Genomics			$950,472	
93.866	Impact of environmental toxicants on AD and ADRD risk in the Diabetes Prevention Program Outcomes study AD/ADRD project	Columbia University	4(GG020821-01) SAPO G19723	$348	
93.866	Improving Medical Decision Making for Older Patients with End Stage Renal Disease	Tufts Medical Center Inc	5025713_SERV	$59,437	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.866	Innate immune signaling at the synapse in development and pathological Alzheimer's disease			$195,914	
93.866	Innovating high-resolution novel imaging approaches to elucidate mechanisms of prion-like spreading of neurodegenerative disease			$420,602	
93.866	Interactive Effects of Aging and AD on Brain Networks			$570,711	
93.866	Interpretable machine learning methods for the analysis of Alzheimers disease genetics			$133,738	
93.866	Investigating protein phase separation and aggregation in age dependent human disease			$744,068	
93.866	Investigating the role of sleep in brain resilience during aging using a scalable and short-lived vertebrate model			$109,981	
93.866	Iron as an Imaging Biomarker for Inflammation in AD			$125,973	
93.866	Lifespace mobility and cognitive decline after stroke			$33,084	
93.866	Long term fracture risk and change in peripheral bone in the oldest old men:The MrOS study	California Pacific Medical Center Research Institute	280201024-S277 PO 28000010657	$122,793	
93.866	Longitudinal Follow-up of Clinical Trial Participants For Brain Donation	University of Southern California	SCON-00006374	$360	
93.866	Low Neurophysiologic Resistance to Anesthetics as a Marker of Preclinical/Prodromal Alzheimer's Disease and Neurovascular Pathology, Delirium risk and Inattention	Duke University	303004172	$44,415	
93.866	Managed Care in Medicaid's Long-Term Services and Supports			$402,604	$130,169
93.866	Mapping Molecular and Phenotypic Interactions in Alzheimers Disease			$242,034	$24,660
93.866	Mass spectrometry and multiplexed immunofluorescence imaging of metabolic and proteomic contributors to selective neuronal vulnerability in Alzheimer's disease	Icahn School of Medicine at Mount Sinai	0255-H091-4609	$62,909	
93.866	Massachusetts AI and Technology Center for Connected Care in Aging and Alzheimer's Disease	University of Massachusetts	016677-9213	$234,672	
93.866	Mechanisms of sleep fragmentation in a mouse model of Alzheimer's disease			$685,406	
93.866	Mechanisms underlying a decline in neural stem cell migration during aging			$47,886	
93.866	Metabolic and epigenomic regulation of aging neural stem cells	University of California Los Angeles	15800000280774	$715,266	
93.866	Metabolic mechanisms of cognitive decline in aging and AD mediated by inflammatory PGE2 signaling			$757,508	
93.866	Metformin in Alzheimer's dementia Prevention (MAP)	Columbia University	21(GG015822-09), 21(GG015822-13), 13(GG015822-14)/G20143	$145,278	
93.866	Methods to Test Biomarkers of Aging as Shared Determinants of Alzheimers Disease and Related Dementias and Physical Disability	University of Maryland, Baltimore	Subaward 21115 PO 1000015249	$38,429	
93.866	Microstructural changes in grey and white matter in aging and AD			$734,449	
93.866	Molecular genetics of human age-related hearing loss			$196,015	
93.866	Molecular mechanisms of gamma-secretase modulation central to Alzheimer's disease	Sloan Kettering Institute for Cancer Research	C22786761 PO #C22786761, C23008185	$329,900	
93.866	Molecular Regulation of Stem Cell Aging	University of California Los Angeles	15800000207312	$251,837	
93.866	Molecular signature of parabiosis			$171,981	
93.866	Multidimensional mapping of vulnerable cell types in humanized Alzheimer's disease mouse models			$2,454,352	$704,729
93.866	Multi-omic functional assessment of novel AD variants using high-throughput and single-cell technologies			$1,652,851	$799,470
93.866	National Alzheimer's Coordinating Center	University Of Washington	UWSC12994 PO-0100133438, PO-0100183255 / UWSC12994	$19,586	
93.866	Network For Emotional Wellbeing And Brain Aging (NEW Brain Aging) / URF AWD00004563	University Of Rochester	SUB00000788AM1/UR FAO GR534424	$32,302	
93.866	Neural mechanisms of gait disturbances as individualized digital biomarker trajectories in preclinical dementia			$535,321	
93.866	Neurofunctional Mechanisms of Changes in Cognition and Motor Function in Aging with HIV and Parkinson's Disease	SRI International	81121/PO81121	$537,708	
93.866	Neurological and digital correlates of cognition in Older Mandarin-speaking Adults	Rutgers, The State University of New Jersey	SUB00002746 // PO 25518595	$426,120	
93.866	Neuropathology of synapses in AD and ADRD			$811,023	
93.866	Next Generation Translational Proteomics for Alzheimers and Related Dementias	University Of Washington	UWSC11818; PO-0100087238	$274,418	
93.866	NIH/NIA U24 AG072701 Network for Emotional Wellbeing and Brain Aging	University Of Rochester	SUB00000240 / GR531893	$52,460	
93.866	North American Prodromal Synucleinopathy Consortium for RBD, Stage 2 (NAPS2)	Washington University in St. Louis	WU-24-0019 // ST00016385	$13,740	
93.866	Open Drug Discovery Center for Alzheimer's Disease	Emory University	A1094751	$124,618	
93.866	Organ crosstalk in cardiovascular disease			$355,099	
93.866	Palliative care needs and outcomes for dementia patients.			$192,002	
93.866	Personalized anesthetic brain monitoring: Developing novel systems, sensors, and algorithms for aging, dementia, and Alzheimers disease patients	Pascall Systems, Inc.	SPO344036	$11,169	
93.866	Physician Subspecialization and the Health and Health Care of Older Americans	Harvard School of Public Health	115445-5123453	$1,033	
93.866	Population Health Aging Research - Advancing Health Equity and Diversity (PHAR-AHEaD)			$194,942	
93.866	Probing Alzheimer synaptopathy using genetically engineered human neurons derived from iPS cells			$21,427	
93.866	Probing relationships between DNA methylation and cellular senescence with highthroughput CRISPR-based epigenetic editing			$199,157	
93.866	PyrAmes Sensor Technology in Adults with Invasive Arterial Lines	PyrAmes Inc.	344570	$113,722	
93.866	Quantifying myelin degeneration in AD			$153,529	
93.866	RCT of the Effectiveness of Stepped-Care Sleep Therapy In General Practice (RESTING)			$70,421	
93.866	Regional tau deposition and digital assessment of cognition in preclinical AD and MCI			$17,690	
93.866	Regulation of cholesterol by y-secretase and ApoE: Implications for AD pathogenesis and synaptic function			$970,360	
93.866	Regulation of eicosanoid signaling lipids to improve skeletal muscle function and increase healthspan during aging			$36,632	
93.866	Relationship between lawful handgun ownership and risk of homicide victimization in the home			$146,998	$17,556
93.866	Reprogramming myeloid cell metabolism to prevent cognitive aging and Alzheimers disease			$552,817	
93.866	Reprogramming organismal lifespan through modulation of neuropeptides			$113,233	
93.866	Response to Exercise and Nitric Oxide in PAD: the RESIST PAD Trial	Northwestern University	60065695 STAN	$9,478	
93.866	Reverse electron transport and tauopathy			$23,242	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.866	Role of beta-adrenergic receptors in modulation of cognition and central and peripheral immune systems in Alzheimer's disease			$29,891	
93.866	Sequential Multiple Assessment Randomized Trial of Exercise for PAD: SMART Exercise for PAD Trial	Northwestern University	60063415 STANFORD	$14,799	
93.866	Shared Mechanisms of Tau Toxicity Among Neurodegenerative Diseases			$137,044	
93.866	Socioemotional Functioning in Adulthood and Old Age			$711,130	
93.866	Stanford Alzheimer's Disease Research Center			$1,891,764	$19,376
93.866	Stanford Medicine Center for Longevity and Healthy Aging Research			$549,308	$140,746
93.866	Stanford Training Program in Aging Research			$150,332	
93.866	Statistical and computational methods for integrative analysis of Alzheimer's Disease genetics			$276,960	
93.866	Statistical Methods for Kidney Markers as Shared Determinants of Dementia and Physical Disability in Older Adults	University of Maryland, Baltimore	20850 Request:2773PO1000013671	$39,518	
93.866	Statistical methods to characterize patients who highly benefit across multifaceted clinical outcomes, from treatments in Alzheimers Disease and Related Dementias (ADRD)	Johns Hopkins University	2006438415	$144,903	
93.866	Structural determinants of healthy aging: Assessing the role of governmental spending priorities in early life on mid-life cognition, later-life dementia risk, and racial inequity therein			$100,412	
93.866	Studying Brain Protein Dynamics During Aging and Alzheimers Pathology Using Novel Protein Tagging Models			$120,373	
93.866	T cells in the aging brain			$870,390	
93.866	Testing Multi-Level Remotely Delivered Physical Activity Interventions in a National Sample of Older Women: the WHISH EnCore Trial			$702,620	
93.866	Tfh dysfunction in HIV and Aging	University of Miami	OS00000393; PO# SPC-002538	$150,316	
93.866	The effect of antihypertensive and statin therapy on dementia incidence: a novel analytical approach in large electronic health record datasets with long follow-up times and minimal loss to follow-up			$896,033	
93.866	The effect of donor age on the function and therapeutic efficacy of human hepatocyte-like cells			$210,923	
93.866	The long-term health effects of the New Deal: An 80 year follow-up of 4 cohorts			$168,367	$41,784
93.866	The Neighborhoods Study: Contextual Disadvantage and Alzheimer's Disease and Related Dementias (ADRD)	University of Wisconsin-Madison	0000001239 / R01 AG070883	$62,431	
93.866	The role of peripheral versus brain myeloid immunity in the cognitive decline of aging and Alzheimers disease			$638,215	
93.866	The Role of Reproductive Aging for Racial Differences in AD/ADRD from Midlife to Older Age			$126,346	
93.866	The Stanford Extreme Phenotypes in Alzheimer's Disease (StEP AD) Cohort			$31,777	$18,564
93.866	Toward a neuroscientific understanding of the interaction between Down syndrome and Alzheimer's disease pathology			$135,781	
93.866	Uncoupling Age- Versus Cognitive-Related Cellular Senescence in Alzheimer's Disease			$204,214	
93.866	Uncovering mechanisms of protection from Alzheimer's disease in CHIP using human cohorts and biosamples			$1,708,462	$78,471
93.866	Usage of Novel Linked Databases to Improve the Perioperative Management of Patients With Alzheimers Disease and Related Dementias			$504,005	$241,573
93.866	Using Informatics to Evaluate and Predict Cataract Surgery Impact on Alzheimer's Disease and Related Dementias and Mild Cognitive Impairment Outcomes			$936,364	$100,757
93.866	Utilizing naturalistic virtual environments to assess age-related alterations of attention and episodic memory			$72,094	
93.866	Validation of neuronal senescence as a target for chronic pain in aging			$431,203	
93.866	vmPFC's role in adherence to cognitive training			$312,388	$157,114
93.866	Wisconsin Alzheimer's Disease Research Center	University of Wisconsin-Madison	0000003812	$40,207	
93.867	Inflammatory Gene Transcription in the Retina			$193,128	$26,055
93.867	3D bioprinting of a bilayered, tissue engineered cornea			$524,776	
93.867	3D bioprinting of regenerative, corneal cell-laden inks to treat corneal blindness			$30,037	
93.867	Activity-Dependent Mechanisms of Memory Consolidation			$629,205	$254,038
93.867	Adaptive high-resolution electrical stimulation for retinal implant design			$525,689	$30,054
93.867	Afferent and Efferent Visual Systems During Abnormal Vision Development			$363,753	
93.867	Artificial Intelligence Analysis of Myopic Vitreoretinal Pathology			$294,879	
93.867	Assessing Photoreceptor Structure and Function in Normal and Diseased Retinae	Medical College of Wisconsin	126716/PO6292175	$97,842	
93.867	Autophagy and Mechanotransduction in the Trabecular Meshwork	Duke University	303000366	$10,210	
93.867	Beyond ganglion cells: Novel foveal avascular zone features in MS with implications for vision loss			$642,855	
93.867	Bi-directional neural interface for probing parallel visual pathways			$759,665	$180,156
93.867	CaMKII: Retinal Ganglion Cell Neuroprotection and Axon Regeneration			$792,350	
93.867	Characterization of vascular responses to intravitreal anti-VEGF injections in diabetic retinopathy	Icahn School of Medicine at Mount Sinai	0255-3020-4609	$177,889	
93.867	Compartmentalized cAMP signaling in reactive astrocytes			$715,789	
93.867	Computational, anatomical, and molecular principles of system-wide visual encoding			$53,883	
93.867	Corneal Scar Repair through SPAACKL: Sutureless, Pro-regenerative Anterior Additive Collagen gel KeratopLasty			$526,691	
93.867	Covid-19: Autonomous AI to mitigate disparities for diabetic retinopathy screening in youth during and after COVID-19	Johns Hopkins University	2005714289	-$83	
93.867	CRISPR Based Rescue of Glaucoma in Lowe Syndrome			$651,706	
93.867	Descemet Endothelial Thickness Comparison Trial (DETECT)			$1,228,525	$598,579
93.867	Determining cell-type specificity for a nonclassical MHC class I during an activity-dependent cortical critical period.			$86,828	
93.867	Development of Face Perception: Cross-sectional and Longitudinal Investigations			-$1,130	
93.867	Diverse visual processing properties of novel ganglion cell and amacrine cell types in the human retina			$352,093	$52,819
93.867	Drainage Device and Endothelial Cell Loss Comparison Trial (DECLARE)	University of California San Francisco	14585sc	$130,900	
93.867	Electronic photoreceptors for restoration of sight in retinal degeneration			$883,358	
93.867	Elucidating Neuron-Intrinsic Molecular Mechanisms of Optic Nerve Regeneration			$144,892	
93.867	Endothelial Transmigration in Neovascular Age-related Macular Degeneration			$773,513	
93.867	Enhanced Identification of Ocular Phenotypes and Outcomes in Electronic Health Record Data	University of Michigan	SUBK00015736/PO 3007066356	$176,706	
93.867	FGF21 as a mediator of RPE mitochondrial dysfunction			$525,906	
93.867	Function and circuitry of adaptive inhibition in the retina			$354,316	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.867	Functional-neuroanatomy of high-level visual cortex: a quantitative multimodal approach			$389,703	
93.867	Gene Expression Regulatory Pathways and Retinal Ganglion Cell Neuroprotection			$115,448	
93.867	Improving corneal ulcer outcomes with unbiased pathogen and antimicrobial resistance detection	University of California San Francisco	15230sc	$10,370	
93.867	Improving Fairness and Reducing Bias in Artificial Intelligence Algorithms for Glaucoma			$295,845	$53,142
93.867	Improving rigor and reproducibility in adaptive optics ophthalmoscopy			$128,055	$21,344
93.867	In Vivo Function and Metabolism Evaluation of Glaucomatous RGCs by Two-Photon Scanning Laser Ophthalmology			$963,007	$207,457
93.867	Increasing the isoplanatic patch in adaptive optics ophthalmoscopy			$197,864	$91,333
93.867	Inhibiting Neovascularization and Subretinal Fibrosis in Neovascular Age-Related Macular Degeneration	University of Utah	10065546-01-LS / PO U000485272	$104,088	
93.867	Integrate neuroimaging, molecular quantitation, and cytoarchitecture to elucidate the development of myelination in human visual cortex.			$22,820	
93.867	Interaction of Visual and Oculomotor Signals in Cortex			$217,936	
93.867	Intraocular Projector Implant: A Platform for Vision Restoration			$11,928	
93.867	Lens Capsule Based Extended Drug Delivery Device			$98,478	
93.867	Localization, safety, and efficacy of optic nerve injections			$5,282	
93.867	Low Latency Eye-Motion Compensation			$307,397	
93.867	Mechanisms of Angiogenesis in ROP			$514,057	$5,571
93.867	Mechanisms regulating the plasticity of postmitotic cells in mammalian retina			$306,520	
93.867	Modulating the DNA Damage Repair System in Traumatic Optic Neuropathy			$9,631	
93.867	Molecular mechanisms of transcriptional regulation of phototransduction genes in mammalian rod photoreceptors			$272,265	
93.867	Multi-omics Strategies to Improve Clinical Outcomes in Uveitis	University of California San Francisco	15487sc	$15,868	
93.867	NAC Attack, a phase-3, multicenter, randomized, placebocontrolled	Johns Hopkins University	PO # 2005723952	$9,027	
93.867	Nanoparticle-Based Tracking of Retinal Ganglion Cell Transplant			$147,510	
93.867	Neural processing of natural scenes in the mouse visual cortex			$512,909	
93.867	Novel strategies for developing AAV tools targeting specific cell types in mammalian retina			$199,651	$52,047
93.867	Optineurin dysfunction induces neurodegeneration in normal tension glaucoma by a novel molecular mechanism			$919,735	
93.867	Optoretinography: All-optical measures of functional activity in the human retina	University Of Washington	UWSC13335 / PO-0100129653	$348,329	
93.867	Pediatric Eye Disease Investigator Group	Jaeb Center for Health Research Inc.	PEDIG Site #360	$39,313	
93.867	Personalized predictions for Glaucoma progression using Artificial Intelligence for electronic health records.			$255,512	
93.867	Phosphoinositide signaling in glaucoma: rescue strategies for Lowe syndrome			$179,865	
93.867	Planning the VICTORY (VIsual ComplicaTions Of PrematuRitY) Study	Tufts University	PO EP0234432 / 313655	$8,016	
93.867	Proteomic Biomarkers of Eye Disease			$15,658	$15,658
93.867	Quantitative Electrophysiology to Link Neuroplasticity, Brain State, and Behavioral Change in Human Visual Cortex			$271,046	
93.867	Retinal circuit integration and degeneration in Neurofibromatosis type-1.			$82,444	
93.867	Retinal Ganglion Cell Replacement in Optic Neuropathies			$126,501	$118,838
93.867	Retinal Muller Glial Cells in the initiation of diabetic retinopathy			$274,711	$29,023
93.867	Secondary Analyses of data from the Infant Aphakia Treatment Study: Patching in Children with Unilateral	George Mason University	E2058212 / 1R21EY032152-01A1	$4,669	
93.867	Stanford K12 Clinician-Scientist Career Development Program			$495,043	
93.867	Stanford Ophthalmology Advanced Research Program			$34,846	
93.867	Stanford Vision Research Core			$748,060	
93.867	Stanford Vision Training Program			$252,811	
93.867	Steroids and Cross-linking for Ulcer Treatment (SCUT II)	University of California San Francisco	13122sc	$226,408	
93.867	Structural and functional tests of ganglion cell damage in glaucoma			-$4,386	-$2,802
93.867	The effects of sleep and iPRGCs on computations in the early visual system			$80,659	
93.867	The Role of Mechanosensitive Ion Channels in Glaucoma			$240,083	
93.867	The role of primary cilia of astrocytes in glaucoma (working title)			$149,117	
93.867	Unique physiological properties of novel ganglion cell types in primate retina			$739,016	$433,501
93.867	Visual Cortex as a Window to Microstructural and Functional Development of the Human Brain			$788,090	$189,548
93.879	A Mobile Game for Domain Adaptation and Deep Learning in Autism Healthcare			$626,336	
93.879	AddBiomechanics: Automatic Processing and Sharing of Human Movement Data			$384,188	
93.879	Advancing Knowledge Discovery for Postoperative Pain Management			$429,693	
93.879	An active learning framework for adaptive autism healthcare			$468,398	
93.879	Biomedical Informatics Training at Stanford			$1,104,453	
93.879	Deep Curation via an Integrated Whole-Cell Computational Model			$35,392	$36,102
93.879	Exploring Understudied Proteins to Predict Novel Pathways and Associations to Disease			$44,168	
93.879	High-performance deep neural networks for medical image analysis			$188,278	
93.879	Identifying, Validating, and Characterizing Biological Subtypes of PsychiatricDisorders Using a Novel Computational Framework			$195,266	
93.879	Image tools for computational cellular barcoding and automated annotation	J. David Gladstone Institutes	SC-00069	$11,191	
93.879	Novel Algorithmic Fairness Tools for Reducing Health Disparities in Primary Care			$348,890	$40,531
93.879	Novel machine learning and missing data methods for improving estimates of physical activity, sedentary behavior and sleep using accelerometer data			$108,435	
93.879	Pacific Symposium on Biocomputing			$18,744	
93.879	Statistical Methods for Modern Evidence Syntheses with Multiple Biases			$268,053	
93.879	The Metadata Powerwash Integrated tools to make biomedical data FAIR			$252,056	
93.884	Primary Care Training and Enhancement Language and Disability Access			$136,833	
93.884	Stanford MSPA Primary Care Training and Enhancement - Physician Assistant Rural Training (PCTE-PAR) Program			$184,855	
93.889	Western Regional Alliance for Pediatric Emergency Management (WRAP-em)	University of California San Francisco	11655sc	$36,151	
93.945	Lymphedema (full title tbd)	Lymphatic Education & Research Network	231024	$4,916	
93.989	Global Health Equity Scholars Program	Yale University	CON-80003658 (GR116387), CON-80005210(GR124920), CON-80005394(GR126076), CON-80005359(GR125814)	$442,790	$58,036

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
93.989	Using adaptive e-learning and smartphones to improve newborn and pediatric admission care outcomes in Mwanza, Tanzania			$144,102	$79,056
93.RD	A Molecular Atlas for Benchmaking Adjuvants (NIH Contract Title: Adjuvant Comparison and Characterization)			$1,059,510	$531,377
93.RD	A.I. powered real-time 3D label-free intraoperative tissue imaging and tissue recognition with hyperspectral shortwave infrared light-field imaging	Cision Vision Inc.	AY2AX000049 SU01	$260,836	
93.RD	ACC Harmonized Adjuvant Comparison Study			$481,752	
93.RD	Adjuvanting HIV vaccines			$457,434	$377,137
93.RD	AI Tumor Board Program			$2,245,364	
93.RD	All of Us Research Program Data and Research Center	Vanderbilt University Medical Center	118369	-$2,049	
93.RD	An optical-genetic toolbox for monitoring and controlling diverseneuromodulatory circuits governing complex behaviors in primates.	University of Texas at Austin	UTAUS-SUB00001241	$418,359	
93.RD	AnVIL-BioData Catalyst Interoperability project to leverage GTEx, T2T and HPRC to study rara genetic variants in TOPMed cohorts with deep phenotype data, whole genome sequence data, and RDA-sequence data	RTI International	62-312-0218952-67429L	$242,861	
93.RD	ARPA-H multimodal proposal			$149,571	
93.RD	Biorepository of human induced pluripotent stem cells for cardiovascular diseases			$630,267	
93.RD	BIOSYNC: Bioelectronics for the Delivery of Synthetic Therapeutics with Wireless Control	Columbia University	6(GG019992-02)/G19605	$1,067,019	
93.RD	Bridge2AI: Salutogenesis Data Generation Project	University Of Washington	UWSC14056/PO-0100040826	$133,902	
93.RD	Building an Interpretable Genotype Translator Using Maps of Cell Architecture	University of California San Diego	705725	$1,259,861	
93.RD	Cellular-level Vascular Oculomics (CVO) for monitoring systemic vascular health	Northwestern University	60069700 SU	$263,304	
93.RD	Collection of Gene Mutations for Laboratory Quality Assurance: Newborn Screening Accuracy Project	Sequoia Foundation	9169-04	$1,645	
93.RD	Comprehensive Real-world Evidence on Off-Label Ketamine Safety to Inform Regulatory and Clinical Decision	American College of Emergency Physicians	SPO 346705	$16,499	
93.RD	Comprehensiveness Measures in a Primary Care Cohort Project	Medical Science & Computing, LLC	AGRMNT-A00-271718, S4 TO 282	$24,170	
93.RD	Covid-19: A Multi-site Observational Study of Post-Acute Sequelae of SARS-CoV-2 Infection in Adults	University of Illinois at Chicago	19894	$21,083	
93.RD	Covid-19: Advancing a lead broad spectrum antiviral PI-kinase inhibitor to the clinic for enteroviruses and COVID-19			$5,162,292	$2,349,423
93.RD	Covid-19: Collaborative Influenza Vaccine Innovation Centers (CIVICs) Component A: Vaccine Center	Icahn School of Medicine at Mount Sinai	0258-B457-4609, F300302155-940002	$339,149	
93.RD	Covid-19: COVID-19 OutPatient Early Treatment Study (INSIGHT 012)	Hennepin Healthcare Research Institute	15568-10 Site: 203-003	$18,225	
93.RD	Covid-19: Medical Imaging and Data Resource Center (MIDRC) for Rapid Response to COVID-19 Pandemic	University of Chicago	AWD101462, ,75N92023F00002	$932,511	
93.RD	Covid-19: Pathology and Pathogenesis of Coronavirus Infections in Animal Models			$1,267,274	$995,965
93.RD	Covid-19: RECOVER-VITAL: A Platform Protocol for Evaluation of Interventions for Viral Persistence, Viral Reactivation, and Immune Dysregulation in Post-Acute Sequelae of SARS-CoV-2 Infection	Duke University	WBSE: 383000909; SPS: 280176	$190,593	
93.RD	Covid-19: Researching COVID to Enhance Recovery (RECOVER) Clinical Trials	RTI International	69-312-0217571-67904L / 23394	$53,820	
93.RD	Covid-19: Systems Biology of Newly-Infected RECOVER Participants	RTI International	86-312-0217571- PO 70233L	$127,612	
93.RD	Dense Analysis of Cortical Circuit Dysfunction in the MECP2- duplication Syndrome of Autism	Brigham and Women's Hospital	124276	$3,501	
93.RD	Durability Study			$571,065	
93.RD	eDynamic - STANFORD			$1,547,783	
93.RD	Flexible Hybrid Cloud Infrastructure for Seamless Integration and Use of Human Biomolecular Data and Reference Maps [1 of 5]	Carnegie Mellon University	1090821-477392 // OT2 OD033759	$350,000	
93.RD	Genetic and Structural Basis for Virus Neutralization	Vanderbilt University Medical Center	127265	$189,219	
93.RD	Harmonization Study: Organoid Core and Data Analysis/Integration Core			$555,596	
93.RD	Innovations in Functional B-Cell Epitope Discovery in Food Allergens			$1,149,880	$168,888
93.RD	MACRA Episode Groups and Resource Use Measures	Acumen LLC	MIDS-19F0004-T0005	$577	
93.RD	MATCHMAKERS: Solving TCR Recognition and Design via Integrated High-Throughput Screening, Structural, Functional, and Computational Approaches			$246,718	
93.RD	Mechanistic Pathways for Persistent Symptoms and Impaired Quality of Life at 90 Days in ACTIV-4A	University of Vermont	AWD00000332SUB000005 78PO225062	$142,059	
93.RD	Multimodal AI modeling of T cell therapies to predict patient response and nominate advanced cell design strategies			$981,932	
93.RD	Multimodal Atlas of Disease for Artificial Intelligence: Generating Datasets for Pseudotime Manifolds of Health Trajectories (MAD-AI)	University Of Washington	UWSC14057/PO-0100040822	$624,544	$36,719
93.RD	Multimodal integrated analysis and assessment development for NeuroHIV outcomes	Emmes Corrpany LLC	15825-Stanford/PO #PO18-01905	$350,000	
93.RD	NIAID Centers of Excellence for Influenza Research and Response	University of Pennsylvania	PO 5304843; RIS #53816/04, 502355/ PO# 5570653	$359,559	
93.RD	Pediatric Trials Network	Duke University	48/232379/6941 ANA01/STN99	$80,000	
93.RD	Pilot for Consortium for Alaska Native Artificial Intelligence Development (CANAID) to address cancer, cardiometabolic and behavioral health emergency access disparities in rural Alaska	Alaska Native Tribal Health Consortium	25-U-467541	$9,554	
93.RD	PROMINENT (CRUK/NIH Grand Challenges)			$766,099	$149,574
93.RD	PROTECT - Harnessing PROTEin degradation for Advanced Childhood Tumors			$696,929	
93.RD	Quality Reporting Program Support for the Long-Term Care Hospital, Inpatient Rehabilitation Facility, Skilled Nursing Facility QRPs and Nursing Home Compare	Acumen LLC	MIDS-19F0003-T0010	$156	
93.RD	ReCePI Cerus Study	Cerus Corporation	Work Order #1 PO 206124	-$1	
93.RD	StrokeNet Thrombectomy Endovascular Platform (STEP)	University of Cincinnati	015907-135726	$184	
93.RD	The Women's Health Initiative (WHI)- Regional Centers			$1,058,604	
93.RD	TOPMed IRC	University of Michigan	SUBK00021563; PO 3008445296, PO #3008794355	$106,126	
93.RD	TrialNet Screening and DPT-1 Follow Up Studies	University of South Florida	P000034764	$41,907	
Department of State				**$624,011**	
19.019	GFEMS CAFE-Comprehensive Action towards Forced labor Eradication	Global Fund To End Modern Slavery	G12-001-Stanford-220101	$2,564	
19.019	Peer Counseling for Improved Outcomes among Labor Trafficking Survivors in Maranho, Brazil	Innovations for Poverty Action	USDOS-20-10001-X19	$37,704	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
19.019	Project to Combat Labor Trafficking in Illicit Deforestation and Charcoal Production Operations in Pará, Brazil			$583,743	$66,403
Department of the Interior				**$383,017**	
15.506	Linking Anaerobic Wastewater Treatment to Non-Potable and Potable Wastewater Reuse	Silicon Valley Clean Water	SPO 163392	$6,657	
15.560	Nitrogen Recovery from Reverse Osmosis Concentrate Using Electrochemical Stripping			$170,180	
15.807	Constraints on Stress Heterogeneity From Modeling Induced Seismicity on Rough Faults in Oklahoma			$17,013	
15.807	Optimizing Graph Neural Network Phase Association for Global Earthquake Monitoring			$40,029	
15.808	Stanford-USGS: Micro-Isotopic Analytical Center (SUMAC)			$65,058	
15.808	Statewide California Earthquake Center: SCEC-USGS Collaboration at STANFORD UNIVERSITY	University of Southern California	SCON-00006135/G24AC00072-00, SCON-00007754	$63,204	
15.808	USGS - Characterizing the Human State in the Coupled Human-Coastal System			$20,876	
Department of Transportation				**$2,945,273**	
20.109	Jet Noise Modeling to Support Low Noise Supersonic Aircraft Technology Development			$137,912	
20.109	Open-source data collection, analysis and mitigation of aviation environmental impacts			-$25,129	
20.109	Shock Tube and Flow Reactor Studies of the Kinetics of Jet Fuels: Stanford University Team			$392,052	
20.205	Center for Excellence in Project Finance	University of Maryland	116176-Z9815205	$95,110	
20.701	Center for Assured and Resilient Navigation in Advanced TransportatION Systems: CARNATIONS	Illinois Institute of Technology	SA24-0011-004	$283,711	
20.RD	Air Navigation Based on Global Navigation Satellite Systems			$2,037,617	
20.RD	The Railroader of the Mid-Century	University of New Mexico	456733-873H	$24,000	
Department of Veterans Affairs				**$949,052**	
64.RD	Casual inference efforts conducted by the Center for Policy Evaluation (CPE) at the VA Palo Alto Healthcare System			$110,360	
64.RD	Casual inference efforts conducted by the Center for PolicyEvaluation (CPE) at the VA Palo Alto Healthcare System			$838,692	
National Aeronautics and Space Administration				**$22,976,065**	
43.001	Revealing and Resolving Quenching with the James Webb Space Telescope			$2,946	
43.001	What in the Galaxy is Scattering Cosmic Rays?			$38,918	
43.001	21-JPSP21-0021 Jupiter's dynamic tides non-perturbatively			$45,638	
43.001	A Redback at High Energy: PSR J2215+5135			$28,288	
43.001	A Search for Pulsar Filaments	Smithsonian Astrophysical Observatory	GO3-24042X	$6,029	
43.001	A Validated Enabling InSAR Community Toolkit for Deformation Time Series in the NISAR/Sentinel-1 Era			$135,646	
43.001	Acquisition of beneficial mutations through adaptive evolution under simulated microgravity			$57,350	
43.001	Assessing Paleointensity Variability During the Lunar High Field Epoch (FINESST)			$13,656	
43.001	Assessing the habitability of post-impact hydrothermal systems using the Chicxulub crater as a natural laboratory			$46,386	$38,022
43.001	Assessing wildfire induced brown carbon evolution and radiative impacts through the synergistic use of the DSCOVR EPIC products, WRF-Chem model, and in-situ observations	Jet Propulsion Laboratory	1712314 PO 1712338	$75,504	
43.001	Assessment of Capella Space Radar Constellation for Rapid Repeat, Fine Resolution InSAR Applications			$5,572	
43.001	Assessment of ICEYE Radar Constellation for Rapid Repeat, Fine Resolution InSAR Applications			$5,539	
43.001	Bridging the gap between carbon cycle models and remote sensing observations	California Institute of Technology	S538120	$30,620	
43.001	Building and maintaining topography on icy ocean worlds: linking internal processes to the observable ice shell geometry	University of Texas at Austin	UTAUS-SUB00001505	$11,527	
43.001	Chandra and XMM-Newton Observations of the Most Extreme z > 1.25 ACTPol Survey Clusters	Smithsonian Astrophysical Observatory	GO3-24111A	$72,167	
43.001	Characterizing the Distributions and Interactions of Gas and Dust in the Intra-cluster Medium Using Novel Analysis Techniques Applied to Multi-probe Observations	Rochester Institute of Technology	32361-02	$11,811	
43.001	Characterizing the Radio Frequency (RF) Performance of Lunar Crater Radio Telescope (LCRT) for 21 cm Cosmology	Jet Propulsion Laboratory	1710244 PO 1710259	$71,453	
43.001	CHiPS1911+4455: A Cooling Flow in a Merging Cluster	Smithsonian Astrophysical Observatory	GO2-23116X	$42,267	
43.001	Completing hard X-ray observations of the iron K reverberation sample of Seyfert galaxies			$6,832	
43.001	Completing Observations of the Highest-Redshift Planck SZ Clusters	Smithsonian Astrophysical Observatory	GO3-24102X	$43,752	
43.001	Completing Observations of the Highest-Redshift Planck SZ Clusters			$2,201	
43.001	Consequences of Fields and Flows in the Interior and Exterior of the Sun (COFFIES)			$3,509,073	$1,947,075
43.001	Constraining Cosmic Rays with H2 Ro-Vibrational Excitation in Dense Clouds			$15,118	
43.001	Coupling of Multiscale Surface and Subsurface Dynamics of Flows and Magnetic Fields in Quiet Sun			$56,418	
43.001	Deep Observations of a New Dynamically Relaxed Galaxy Cluster at High Redshift	Smithsonian Astrophysical Observatory	GO2-23113A	$1,748	
43.001	Deep X-ray Observations of a new, highly luminous cool-core galaxy cluster at z~0.6	Smithsonian Astrophysical Observatory	GO3-24113X	$17,241	
43.001	Deformation time series of volcanic regions from space-geodetic InSAR and GNSS observations			$372,981	$147,722
43.001	Detecting Harmful Algal Blooms in the Pacific Sector of the Arctic Ocean			$105,365	
43.001	Developing a Consensus on Meridional-Circulation Measurements			$38,866	
43.001	Development of a UAV-based integrated ice-penetrating radar system for ice shelf monitoring			$29,526	
43.001	Europa and Ganymede After Junocam: Cartographic, Topographic and Crater Distribution Updates and Change Detection	Universities Space Research Association	SUBK-24-0021	$5,424	
43.001	Experimental Constraints for Improving Terrestrial Exoplanet Photochemical Models (ExCITEPM)	University of California Riverside	S-001525	$43,049	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
43.001	Extremely Low-noise, High Frame-Rate X-Ray Image Sensors for Strategic Astrophysics Missions	Massachusetts Institute of Technology	s6057, PO #922398	$352,231	
43.001	Fermipy: a Legacy Tool for the Fermi Mission			$108,758	
43.001	Following The Disk-Jet-Corona Connection In The Unique Radio Galaxy 3C 120			$3,114	
43.001	High-Energy Unknown Transients: The Fermi-INTEGRAL Synergistic View			$55,570	
43.001	Hypervelocity sampling of microorganisms: Detecting and classifying organisms from different Ocean World habitats with impact ionization mass spectrometry	Jet Propulsion Laboratory	1715383/PO# 1715720	$55,560	
43.001	Impact-induced Formation of Prebiotic Molecules on Terrestrial Planets			$45,480	
43.001	Intermediate complexity schemes for modelling the diversity of vegetation drought response			$128,607	$26,196
43.001	Investing in equity and environmental justice: an urban decision-support tool integrating earth observations, socioeconomic data, and ecosystem service models	University Of Minnesota	P010028102	$5,075	
43.001	IXPE sources: a quick-look database and high-level data analysis toolkit	Louisiana State University	PO-0000297214	$50,430	
43.001	Laboratory measurement of opacities and pressure-induced line broadening parameters at exoplanetary atmospheric conditions			$77,742	
43.001	Linking Active Regions and Solar Cycles to Understand How Variable Flows in the Solar Interior Affect Surface Magnetic Field Evolution			$100,828	$17,605
43.001	Magma Oceans and Seas on Worlds Orbiting Main-Sequence Stars	University of Central Florida	GR108809	$33,719	
43.001	Magma Oceans in Rocky Exoplanets: Understanding Their Dynamic and Magnetic Evolution with New Models and Experiments	Arizona State University	ASUB00001331	$112,729	
43.001	Mapping of the Inner Accretion Flows of Gravitationally Lensed Quasars	Smithsonian Astrophysical Observatory	AR4-25010X	$11,899	
43.001	Measuring Projection Effects in Optical Cluster Catalogues			$56,462	
43.001	Meteoroid Mass and Population Characterization Through Meteor Radar and Plasma Simulation			$130,133	
43.001	Modeling the radio/infrared/gamma-ray correlation at sub-galactic scales for the Milky Way and starforming galaxies			$112,381	
43.001	Multi-Messenger 3D Modeling of the Interstellar Medium of the Milky Way			$250,912	$80,501
43.001	Myco-architecture off planet, Phase III			$79,971	
43.001	N/A Fermi and the Search for Lost Magneter Giant Flares	Louisiana State University	PO-0000291643	$17,544	
43.001	NASA ACRES: A Climate Resilient Ecosystem Approach to Strengthening US Agriculture	University of Maryland	124245-Z6512205	$91,042	
43.001	NASA Harvest: NASA Food and Agriculture Consortium	University of Maryland	125062-Z6521205	$99,774	
43.001	NASA Mandle ROSES - Metadata tools for more transparent, reproducible, and accessible geospatial analysis			$9,963	
43.001	Next-generation event characterization for X-ray imaging observatories			$220,765	$113,069
43.001	Oceans Across Space and Time	Cornell University	142075-21988	$8,341	
43.001	Probing cosmology with a new sample of relaxed galaxy clusters from XMM-Newton			$54,672	$17,344
43.001	Probing Dwarf Galaxies with Massive Black Holes using Gamma-rays			$25,657	
43.001	Probing the Origin of the QPO in the AGN MS 22549-3712			$65,372	
43.001	Probing the X-ray Polarization of Kes 75 (G29.7-0.3)'s Wind Nebula Powered by Magnetar-like PSR J1846-0258			$9,303	
43.001	Project Infrastructure for the Roman Galaxy Redshift Survey	California Institute of Technology	S629777	$106,001	
43.001	Proper Motions for Gamma-Ray Pulsars	Smithsonian Astrophysical Observatory	GO5-26045X	$6,925	
43.001	PSR J2215+5135: An IBS Probe of Mass and Evolution			$471	
43.001	Real World, Real Science: Using NASA Data to Explore Weather and Climate	Gulf of Maine Research Institute	30-NASARS-21 S	$222,370	
43.001	Resolving the extreme environments outside supermassive black holes with XRISM measurements of X-ray reflection and reverberation			$64,031	
43.001	Revealing the physics of galactic outflows using far-infrared polarimetric capabilities			$95,277	
43.001	Scale enrichment of incompressible large eddy simulations			$125,163	
43.001	Search for Signatures of Recent Cosmic Ray Acceleration in the outer Milky Way			$31,261	
43.001	Seismology of the Solar Near-Surface Shear Layer	Yale University	CON-80005788 (GR128041)	$45,467	
43.001	Self-consistent Modeling of Multi-messenger and Multi-wavelength Galactic Emissions in Support of Past, Current, and Future NASA Missions			$383,422	
43.001	Simulating pre-solar-storm patterns of magnetic toroids from surface sunspot observations	University Corporation of Atmospheric Research	SUBAWD003043 / PO P2019028	$69,961	
43.001	Simulations, sensitivity kernels, and helioseismic inferences on the magnetic Sun	Bay Area Environmental Research Institute	80NSSC24K0261-Stanford	$99,938	
43.001	SMAP's sensitivity to vegetation water: retrieval algorithm, validation, and L-band uniqueness			$17,160	
43.001	STarlight Acquisition and Reflection toward Interferometry (STARI): Precision formation-flying cubesats enabling space interferometry	University of Michigan	SUBK00021518 // PO 3008539465	$8,008	
43.001	Starshade Petal Fabrication and Accuracy Demonstration at Full-Scale for the IR/O/UV Great Observatory			$100,813	
43.001	Strange New Worlds: Characterizing Nearby M-dwarf Habitable Zone Planets	Johns Hopkins University	186084	$102,409	
43.001	Study of Global-Scale Surface Flows and Migration of Polar Crown Filaments of the Sun in Past 10 Solar Cycles in Comparison with Helioseismology Results in 2 Recent Cycles	New Jersey Institute of Technology	(NP) 997277	$2,825	
43.001	Suprathermal Seeds for Solar Energetic Particles: Two-stage Acceleration from Flares to CME-Shocks	Bay Area Environmental Research Institute	NASA-80NSSC21K1327	$40,600	
43.001	Taking Water Worlds Seriously: Exploring the Phase Space of Water World Atmospheres, Structure, and Evolution	University of California Santa Cruz	A24-0406-S001	$33,719	
43.001	Testing the permissive environment hypothesis: oxygen, temperature, and the Cambrian radiation of animals			$44,998	
43.001	The Lighthouse PWN as a Probe of ISM Structure and a Unique Relativistic Plasma Physics Laboratory	Smithsonian Astrophysical Observatory	GO4-25037B	$40,700	
43.001	The M-dwarf Opportunity: Characterizing Nearby M-dwarf Habitable Zone Planets	Johns Hopkins University Applied Physics Laboratory	169752	$3,357	
43.001	The next stage of X-ray reverberation: Mapping a sample of supermassive black holes			$82,603	
43.001	The relationship between the corona and jet in the radio-loud Seyfert galaxy IRAS 17020+4544			$4,901	
43.001	The Rise of Giants: Tracing the Evolution of Galaxy Clusters from their Cosmic Origins			$49,948	
43.001	The role of magnetic fields in star formation: novel analyses of archival SOFIA data			$112,595	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
43.001	The Shifting Crab Jet	Smithsonian Astrophysical Observatory	GO4-25035X	$9,871	
43.001	Toward a Consensus for Multi-Sourced Photospheric Magnetic Field Cross-Calibrations			$171,767	$85,492
43.001	Unraveling the large-scale impact of feedback on the CGM of NGC3221 in emission			$71,622	
43.001	Unveiling the Magnetic Geometry of the Young PWN 3C58			$18,999	
43.001	US contributions towards studies of the Athena WFI instrumental background and transient source populations	Pennsylvania State University	S001536-NASA	$143,270	
43.001	Using Helioseismic Far-side Imaging to improve Solar EUV Irradiance Prediction	University of Colorado, Boulder	PO 1001867175 / 80NSSC23K0901	$28,196	
43.001	Validation and user-friendly product analysis for NISAR time series of deformation, with application to permafrost and soil moisture examples			$115,307	
43.001	What Life Wants: Exploring the Natural Selection of Elements	University of Wisconsin-Madison	0000002170	$60,679	
43.001	World Enough and Time: Mapping the Martian Adaptive Landscape with a Terran Bacterium	Georgia Institute of Technology	AWD-001061-G1	$128,075	
43.001	X-Ray Speed-Reading: Integrated Readout Technology for Fast, Very Low-Noise, Megapixel X-Ray Imaging Detectors			$451,638	$175,632
43.001	XXM_An IBS Probe of the Shortest Period Black Window Binary			$15,001	
43.002	An efficient approach for assessment and selection of model forms for turbulence closures			$213,824	
43.002	Safe Aviation Autonomy with Learning-enabled Components in the Loop: from Formal Assurances to Trusted Recovery Methods			$1,855,099	$1,401,278
43.002	Safe, Scalable, and Seamless SurfNav4UAS (SurfNav4UAS)	Ohio University	PO OU #32787 / UT23411	$87,852	
43.002	Understanding and modeling combustion-noise in next-generation combustion engines with sustainable aviation fuels	Ohio Aerospace Institute	OAI-AARCS-24125	$19,325	
43.002	Validation of wall models for LES with application to the NASA Common Research Model			$390,013	
43.003	Identifying Genetic Factors in Radiation Injury with Pooled Single Cell Sequencing	Baylor College of Medicine	P700000430	$3,042	
43.003	Lunar Structure, Composition, and Processes for Exploration LunaSCOPE	Brown University	00002388	$64,157	
43.007	Bridging Microgravity STEM Engagement from ISS to Orbital Reef	Arizona State University	ASUB00001605	$5,269	
43.007	Microgravity Crystal Growth of Photovoltaic Semiconductor Materials: Controlled Defect Homogeneity in CuInS2	Center for the Advancement of Science in Space	GA-2019-0858	$1,309	
43.007	Wide Bandgap Semiconductor Wafer Annealing in Microgravity	Center for the Advancement of Science in Space	GA-2023-9305	$25,873	
43.008	Fidelity-Adaptive Models for Supersonic Combustion			$41,000	
43.008	NASA MIRO Inflatable Deployable Environments and Adaptive Space Systems (IDEAS2) Center	University Of Houston	R-25-0038	$35,791	
43.009	Collaborative Research to Evaluate the Influence of Injection and Mixing on Nozzle Flow Uniformity in Arc-Jets at Ames Research Center			$220,964	
43.012	Adaptive World Models for Space Robotics: Implicit Representations Grounded in Semantics and Physics			$68,467	
43.012	Advancing Further the State of the Art of Fluid-Structure Interaction for Supersonic Parachute Inflation Dynamics			$70,355	
43.012	Aftshell Radiative Heating During Planetary Entry			$29,610	
43.012	Astro Photonic Integrated Circuit - AstroPIC!			$344,074	
43.012	Autonomous Nanosatellite Swarming using Radio Frequency and Optical Navigation			$400,144	
43.012	Broadband mid-infrared silicon metalenses based on data-driven inverse design for space deployment			$11,198	
43.012	Closed-Form Collision Avoidance Maneuvers with Passive Safety Considerations			$67,860	
43.012	Combining Optimal and Learning-Based Control Methods for the Manipulation of Spaceborne Objects			$70,372	
43.012	CUBES-II: Center for the Utilization of Biological Engineering in Space v.II	University of California Berkeley	00011126; BB01655333	$155,565	
43.012	Electrochemical in situ resource utilization of urine-derived nitrogen for sustainable space travel and habitation			$69,800	
43.012	FLWSHIP T.Schwartz/ R.Hanson-Towards a robust laser-based velocity and temperature diagnostic for deployment in hypersonic ground-test facilities and high-speed flight			$68,901	
43.012	Fundamental analysis and modeling of spray-detonation dynamics with application to rotating detonation engines			$69,080	
43.012	Integrated acoustic technology for boil-off control, mass gauging, and structural health monitoring in cryogenic fuel tanks			$5,764	
43.012	Joint Advanced Propulsion Institute	Georgia Institute of Technology	AWD-002637-G5 // PO-5217407	$195,129	
43.012	Kinetic models of the facility effects and beam neutralization for high-power electric propulsion systems			$71,451	
43.012	Lightweight Deployable Solar Reflectors			$2,172	
43.012	Modeling Spacecraft Charging Incident from the Effect of Background Plasma on Satellites with Electric Propulsion			$74,877	
43.012	Modeling the Mechanical Behavior of GRX-810: a High-Performance Material for Extreme Aerospace Applications.			$81,716	
43.012	Myco-architecture off Planet: Growing Surface Structures at Destination			$1,173	
43.012	Physics-informed Modeling of Multi-nozzle Plume Physics with Quantifiable Uncertainties from Supersonic Retropropulsion Tests			$113,930	
43.012	Real-time predictive modeling of Hall effect thrusters for thruster performance estimation and optimization			$75,668	
43.012	Robust Online Safety Assurances for Autonomous Planetary Mobility in Uncertain and Variable Terrains			$19,031	
43.012	Safe and Informative Navigation of Unmapped Terrain using Neural Radiance Fields			$63,000	
43.012	Shape Errors in Voxel Assemblies			$8,470	
43.012	Shock-Tube and Laser Absorption Studies of Titan Atmosphere Kinetics and Spectroscopy in Support of the NASA Dragonfly Entry Aerosciences Measurements (DrEAM)			$119,222	
43.RD	Advanced Telescope for High-ENergy Astrophysics			$590,161	
43.RD	Advanced X-Ray Imaging Satellite (AXIS) Phase A: Front-End Electronics and Readout ASIC TRL Advancement	Massachusetts Institute of Technology	s6677, 1287944	$44,023	
43.RD	Characterizing and quantifying lagged processes regulating the tropical land carbon sink responses to climatic variability and atmospheric CO2	Jet Propulsion Laboratory	1671875 PO 1671876	$113,123	
43.RD	Characterizing the z>1 satellite population with public deep-field JWST surveys	Space Telescope Science Institute	JWST-AR-05907.002-A	$68,003	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
43.RD	Galaxy-halo connection from resolved star formation histories of dwarf galaxies	Space Telescope Science Institute	HST-AR-17044.001-A	-$37	
43.RD	Gamma-Ray Large Area Space Telescope (GLAST) Fligh			$2,024,714	$275,448
43.RD	Helioseismic and Magnetic Imager For Solar Dynamics Observatory,3RD Extended Mission			$3,992,607	$12,783
43.RD	IRIS Small Explorer Mission	Lockheed Martin Corporation	Sub 8100003073 Line #6	$108,693	
43.RD	Leveraging Weak Gravitational Lensing - Redshift Space Distortions Cross-correlations	Jet Propulsion Laboratory	1687951 PO 1687952	$115,126	
43.RD	Observing the Atmosphere of a Pulsar Planet	Space Telescope Science Institute	JWST-GO-05263.016-A	$47,319	
43.RD	REASON (Radar for Europa Assessment and Sounding: Ocean to Near Surface) REASON	University of Texas at Austin	UTA16-001083	$3,603	
43.RD	VERITAS (Venus Emissivity, Radio science, InSAR, Topography And Spectroscopy)	Jet Propulsion Laboratory	1669789 PO 1669790	$23,921	
43.RD	What in the Galaxy is Scattering Cosmic Rays?	Space Telescope Science Institute	HST-HF2-51525.001-A	$77,815	
43.RD	Where the energetic universe meets the hot universe	Space Telescope Science Institute	HST-HF2-51551.001-A	$114,154	
National Science Foundation				**$82,187,001**	
47.049	MFB: Evaluating and advancing cryo-EM for RNA conformational ensembles			$988,581	
47.074	Collaborative Research: TRTech-PGR: Development and Sharing of High-Resolution In Situ 3D Cryo Workflows to Transform Plant Cell Biology			$9,767	
47.041	ACED Fab: Ultrafast, low-power AI chip with a new class of MRAM for learning and inference at edge			$203,070	$27,586
47.041	Adaptive management of water supply infrastructure for persistent anomalies versus climate trends			$164,510	$54,482
47.041	Assessing Urban Post-Earthquake Community Recovery to Inform Pre-Disaster Planning			$68,010	
47.041	Automated Model Discovery for Soft Matter			$160,310	
47.041	CAREER: Accelerating Real-time Hybrid Physical-Numerical Simulations in Natural Hazards Engineering with a Graphics Processing Unit (GPU)-driven Paradigm			$187,675	
47.041	CAREER: Active Scene Understanding By and For Robot Manipulation			$16,856	
47.041	CAREER: CAS-Climate: Addressing Climate Change Impacts on Urban Water Affordability			$80,311	
47.041	CAREER: Demystifying Deep Machine Learning Models using Convex Optimization for Reliable AI			$98,562	
47.041	CAREER: Mixed-bonded IV-VI semiconductors for hybrid heterostructures			$101,382	
47.041	CAREER: Molecular Electrocatalysts and Reactive Separations for Wastewater Nitrogen Refining			$106,363	
47.041	CAREER: Multiphysics Mechanics of Magnetic Shape Memory Polymers			$58,612	
47.041	CAREER: Quantum Acoustic Information Processing with Phononic Crystal Devices			$19,210	
47.041	CAREER: Robust and Autonomous Robot Adaptation in Novel Scenarios			$102,432	
47.041	CAREER: Safety Assurances for Perception-Enabled Robotic Systems			$57,953	
47.041	CAREER: Sculpting light in biological tissue: an ultrasound-mediated traveling light source for spatiotemporally precise in vivo gene editing			$105,135	
47.041	CAREER: Soft Robotic Fingertips with High-Resolution, Calibrated Shape and Force Sensing for Dexterous Manipulation			$103,057	
47.041	CAREER: UrbanEMOS: An Urban Energy Management Operating System for understanding and co-optimizing building, energy and human systems at multiple scales			$45,485	
47.041	CDS&E: Physics-driven computational tools for photonic design			$46,842	
47.041	Center for Turbulence Research Summer Program			$12,436	
47.041	Collaborative Research: Assessing climate resilience of combined sewer systems and its impact on marginalized communities			$28,149	
47.041	Collaborative Research: Bottom-up Construction of a Synthetic Neuron and Programmable Neuronal Network			-$9,357	
47.041	Collaborative Research: Cell-free glycoprotein synthesis technology for point-of-care vaccine biomanufacturing			$150,080	
47.041	Collaborative Research: Converging Design Methodology: Multi-objective Optimization of Resilient Structural Spines	Oregon State University	S2313B-A	-$668	
47.041	Collaborative Research: CPS: Medium: Autonomy of Origami-inspired Transformable Systems in Space Operations			$69,370	
47.041	Collaborative Research: Effects of Drinking Water DisinfectioN			$119,224	
47.041	Collaborative Research: Frame-Spine System with Force-Limiting Connections for Low-Damage Seismic Resilient Buildings			-$318	
47.041	Collaborative Research: ISS: Assessing the Effect of Microgravity on Growth and Properties of Metal-Organic Framework (MOF) Crystals			$53,875	
47.041	Collaborative Research: Mixed-Autonomy Traffic Networks: Routing Games and Learning Human Choice Models			-$142,738	
47.041	Collaborative Research: RECODE: Directing and Controlling Cardiac Differentiation Through Cellular and Microenvironmental Manipulation and Application of Machine-Learning			$281,637	
47.041	Collaborative Research: Reconfigurable Intelligent Electromagnetic Surface Using Magnetic Shape Memory Polymers			$34,998	
47.041	Covid-19: RCN: Wastewater Surveillance for SARS-CoV-2 and Emerging Public Health Threats	University of Notre Dame	204597SU	$22,905	
47.041	DMREF/Collaborative Research: Designing Mutable Metamaterials with Photo-Adaptive Meta-Atoms	Carnegie Mellon University	1123409-451160	-$40	
47.041	DMREF: Design of Fast Energy Storage Pseudocapacitor Materials	University of California Los Angeles	2324326 / 01300000046841	$144,547	
47.041	EAGER: Advanced Digital Twin Capabilities for NSF NHERI Wind Tunnel Facilities			$142,151	
47.041	EAGER: CRYO: Development of materials and techniques to enable sub-Kelvin cooling via adiabatic decompression of para-nematic materials.			$45,176	
47.041	EAGER: Netzero: Exploring the feasibility of generative AI language models to create scalable and equitable building energy models			$237,915	
47.041	ECO-CBET: Collaborative Research: Towards a Circular Nitrogen Bioeconomy: Tandem Bio- and Chemocatalysis for Sustainable Nitrogen Recovery and Nitrous Oxide Mitigation			$107,519	
47.041	EFRI BRAID Preliminary Proposal: DenPro3D Dendritic Processing of Spike Sequences in Biological and Artificial Brains			$898,569	$190,986
47.041	EFRI DCheM: Engineering interfaces between plasma, catalysts, and reactor design for natural gas conversion to liquid products	Princeton University	SUB0000425	$122,319	
47.041	EFRI DChem: Re-Engineering the Nitrogen Cycle: Distributed Electrochemical Nitrogen Refineries for Ammonia Synthesis and Water Purification			$560,986	
47.041	Engineering High Speed, High Resolution, Multi-Material Vat Polymerization			$83,450	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
47.041	Engineering Optically Recyclable Polymer Resins for Sustainable Additive Manufacturing			$166,666	
47.041	Extreme-environment carbide device fabrication validation			$122,079	
47.041	FMRG: Adaptable and Scalable Robot Teleoperation for Human-in-the-Loop Assembly	Columbia University	3(GG017002-01)	$448,246	
47.041	FuSe-TG: Co-design of Attojoule Multifunction Semiconductor Electronics with Atomic Precision	University of Southern California	SCON-00005118	$39,092	
47.041	Mechanics of Bioinspired Soft Slender Actuators for Programmable Multimodal Deformation			$277,065	
47.041	Micromechanics of Interactions Between Hard Magnetic Particles and Soft Matrix on Magneto-Mechanical Actuation			$21,701	
47.041	MsRI - Design: National Full-Scale Infrastructure for Community Hardening in Extreme Wind and Wind-Water Events	Florida International University	000561/FIU01-0000240921	$263,455	
47.041	National Science Foundation's Alan T. Waterman Award			$23,010	
47.041	NeRD: Neural Representations for Dexterity			$240,001	
47.041	NHERI Computational Modeling and Simulation Center	University of California Berkeley	00010842; BB01598236	$336,877	
47.041	NNCI: nano@stanford			$981,021	
47.041	NRI: FND: Computational and Interactive Design of Soft Growing Robot Manipulators			-$220,753	
47.041	NRI: INT: COLLAB: Mesh Of Robots on a Pneumatic Highway (MORPH): An Untethered, Human-Safe, Shape-Morphing Robotic Platform			$22,617	
47.041	NSF Center for Power Optimization for Electro-Thermal Systems (POETS)	University of Illinois at Urbana Champaign	2014-00555-03, 108858-19514	$148,996	
47.041	NSF-SNSF: Multilayer Oxide-clad LIthium Niobate On-chip (MOLINO) devices for mid-IR frequency comb generation			$58,024	
47.041	POSE: PHASE II: BLASTNet: An Open-Source Ecosystem for Integrating Decentralized Scientific Machine Learning with Flow Physics			$316,285	$61,373
47.041	Programmable Surfaces by Scalable Self-assembly of Particles Printed by Two-photon Polymerization			-$639	
47.041	Rapid, Scalable, and Joint Assessment of Seismic Multi-Hazards and Impacts: From Satellite Images to Causality-Informed Deep Bayesian Networks	Johns Hopkins University	2006321182	$53,234	
47.041	RECODE: Real-time analysis and environmental feedback for directed differentiation of liver organoids			$71,183	
47.041	Scalable diamond quantum systems			$14	
47.041	SCH: Improving patient health and equity through the digital transformation of diabetes care delivery			$485,391	$19,990
47.041	SenSE: Artificial Intelligence-enabled Multimodal Stress Sensing for Precision Health			-$257,016	
47.041	Shock-Tube Studies of High-Temperature Flames Applicable to Next-Generation Energy Systems			$71,463	
47.041	Swirling Propulsion in Complex Fluids and Micro-Swimming Rheometry			$88,243	
47.041	The Dynamics of Curved Fluid Films Between Complex Interfaces			$9,348	
47.049	Active Adaptive Materials Design Inspired by Cell Mechanics	University of Chicago	AWD103106 (SUB00000697)	$66,369	
47.049	Additive Combinatorics and Ramsey theory			$75,541	
47.049	Advancing Ramsey theory and Extremal Combinatorics			$48,121	
47.049	Arithmetic Structure in Dense Set			$57,553	
47.049	Asymptotic in Probability: walks and graphs, disordered dynamics, interacting particles			$57,042	
47.049	Atoms Interlinked by Light: Programmable Interactions for Quantum Simulation and Computation			$255,417	
47.049	Basic Research Needs Workshop on Laser Technology			-$12	
47.049	Biomaterials for manufacturing of patient-derived organoids and assembloids			$254,465	
47.049	Bordism in Floer theory			$51,895	
47.049	Branching Processes, Random Partial Differential Equations and Applications			$145,490	
47.049	BSM-PM: New Atom Interferometry Techniques for Long Baseline Quantum Sensing in MAGIS			$386,110	$128,568
47.049	BSM-PM: Understanding Gravity at the Smallest Scale			$210,868	
47.049	CAREER: Accelerating Conformational Sampling of Biomolecules with Transferable Generative Models			$49,911	
47.049	CAREER: Distribution-Free and Adaptive Statistical Inference			$49,307	
47.049	CAREER: Electrically tuned topological phase transitions in moire heterostructures			$180,833	
47.049	CAREER: Electronic and Optical Properties in Generalized Moire Systems from First Principles			$197,211	
47.049	CAREER: New statistical approaches for studying evolutionary process: statistical inference, attribution and computation			$104,823	
47.049	CAREER: Tailoring van der Waals Ferroelectricity in 2D Layered Semiconductors			$63,748	
47.049	CAREER: Untangling the physics of the magnetic, multi-phase interstellar medium			$36,388	
47.049	CCI Phase I: Center for Interfacial Ionics	University of Oregon	2016V0D	$215,779	
47.049	CCI Phase I: NSF Center for Adapting Flaws into Features	University of Illinois at Urbana Champaign	116319-19898	-$661	
47.049	CCI Phase I: NSF Center for Polymers from Waste	University Of South Carolina	SUB#24-5535/PO#2000072305	$141,144	
47.049	Coherent Control of Cold Collision by Preparing Molecular Eigenstates Using Stark-Induced Adiabatic Passage			-$25,865	
47.049	Collaborative Research: AMPS: Rare Events in Power Systems: Novel Mathematics, Statistics and Algorithms			$83,647	
47.049	Collaborative Research: Axion Resonant InterAction DetectioN Experiment (ARIADNE) - a continuation proposal			$45,282	
47.049	Collaborative Research: Center for Coatings Research			$231,090	
47.049	Collaborative Research: DMREF: Developing Damage Resistant Materials for Hydrogen Storage and Large-scale Transport.			$55,207	
47.049	Collaborative Research: Enabling multi-scale studies of magnetic reconnection with interpretable data-driven models			$82,897	$82,230
47.049	Collaborative Research: Novel Cavity Haloscopes for Axion Dark Matter at CM-Wavelengths			$142,851	
47.049	Collaborative Research: Optical Transitions in Metallic Nanoclusters at High Pressure			$90,092	
47.049	Collaborative Research: Scalable Linear Algebra and Neural Network Theory			$319	
47.049	Collaborative Research: Stanford-Florida program in Support of LIGO on Coatings and Core Optics			$235,261	
47.049	Collaborative Research: Statistical Optimization for Barcoding and Decoding Single-Cell Dynamics via CRISPR Gene Editing			-$154,132	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
47.049	Collaborative Research: Transferable, Hierarchical, Expressive, Optimal, Robust, Interpretable Networks			-$6,436	
47.049	Conference: Structure and Polarization in the Interstellar Medium: A Conference in Honor of John Dickey			$20,854	
47.049	Dark Sectors and More with the ATLAS Experiment			$96,054	
47.049	Data-adaptive multivariate inference with finite sample guarantees			$136,987	
47.049	Deep Learning for Inverse Problems			-$9,527	
47.049	Developing the Family of 3D Organochalcogenide-Halide Perovskites			$207,683	
47.049	Diverse Degradable Polymers from Versatile Ring-Opening Metathesis (Co)Polymerization of Electron-Rich Cyclic Olefins			$103,092	
47.049	DMS/NIGMS 2: Enumerative combinatorics of phylogenetic trees and networks			$12,218	
47.049	DMS-EPSRC: Fast martingales, large deviations and randomized gradients for heavy-tailed target distributions			$34,547	
47.049	EAGER: Superlattice-induced polycrystalline and single-crystalline structures in conjugated polymers			$18,730	
47.049	ECLIPSE: Miniaturization of Ultra-High-Power Laser Systems with Plasma Grating Chirped Pulse Amplification			$221,410	
47.049	Enabling Quantum Leap: Q-AMASE-i: Quantum Foundry	University of California Santa Barbara	KK2245	$25,713	
47.049	Exploring the properties of quantum many-body scar states in dipolar gases			$292,983	
47.049	Flexible Statistical Modelling			$214,715	
47.049	Frequency function method in elliptic PDEs and harmonic analysis			$109,324	
47.049	FRG: Collaborative Research: Singularities in Incompressible Flows: Computer Assisted Proofs and Physics-Informed Neural Networks	Princeton University	SUB0000725	$142,337	
47.049	Galois Representations and Automorphic Forms			$88,477	
47.049	Geometric and Arithmetic Langlands program			$107,775	
47.049	GOALI: CAS: Catalyst and Process Design Principles for Polymer Chemistry			$256,408	
47.049	Investigations of Concentrated Salt and Acid Solutions Using Ultrafast Nonlinear Spectroscopy			$210,099	
47.049	Kylerec Student Workshops in Symplectic and Contact Geometry			$22,986	
47.049	Large Synoptic Survey Telescope (LSST) Project	Association of Universities for Research in Astronomy	N51908C	$1,185,963	
47.049	Making useful sense of non-Gaussian phenomena in ultrafast quantum photonics			$81,689	
47.049	Mathematical Problems in General Relativity			$133,521	
47.049	Metal-Free Cyclobutadiene Reagents for Organic Synthesis			$202,266	
47.049	Microlocal Analysis and Geometry			$156,079	
47.049	Mid-scale RI-2: Advanced Millimeter Survey Instrumentation in Chile	University of Pennsylvania	589326 / PO 5591899	$51,130	
47.049	Modulating and engineering Luttinger liquid plasmons in low dimensional materials			$199,179	
47.049	Moduli Spaces of Pseudoholomorphic Maps			$121,894	
47.049	MREFC: US ATLAS HL-LHC Upgrade Project	Columbia University	42(GG016228-42); PO G17518	$540,766	$540,766
47.049	MRI: Development of Layered Quantum Materials Synthesis Facility			$84,152	
47.049	MSIP: Innovation to Achieve the Full Science Reach of the BICEP Array Stage 3 CMB Polarization Experiment			$788,703	$121,647
47.049	Nanoscale Control over Surface Functionalization by Molecular Layer Deposition			-$77,795	
47.049	New algorithms for Bayesian Computation			$44,684	
47.049	New Algorithms for Markov Decision Processes and Reinforcement Learning			$183,368	
47.049	New Techniques And Analyses For Random Sampling			$148,178	
47.049	Novel, engineered bio-inks for 3D printing of complex, perfusable structures			$16,094	
47.049	NSF Center for the Mechanical Control of Chemistry	Texas A&M University	M2304623	$307,574	
47.049	NSF/DMR-BSF: Theory of quantum materials			$168,932	
47.049	Opening the Gravitational-Wave Band below 30 Hz for LIGO and Cosmic Explorer	Massachusetts Institute of Technology	s5902, PO #829617	$1,487	
47.049	Probing and Designing Cascade Reactivity in Consecutive Mechanoactivation of Covalent Bonds			$158,658	
47.049	Properties of approximate inference for complex high-dimensional models			-$2	
47.049	QLCI-CI: Enhanced Sensing and Distribution Using Quantum States Stanford sub-award	University of Colorado, Boulder	1559523 PO#1001397680	$452,491	
47.049	QLCI-CI: Hybrid Quantum Architectures and Networks	University of Illinois at Urbana Champaign	100918-19124	-$11,187	
47.049	Quantum dynamics and spectroscopy of reactive species in heterogeneous environments			$131,355	
47.049	QuIC-TAQS: Integrated Lithium Niobate Quantum Photonics Platform	Harvard University	124381- 5119997	$56,097	
47.049	QuSeC-TAQS: Quantum sensing with strongly nonclassical light based on third-order nonlinearities	University of Maryland	129545-Z4163202	$106,149	
47.049	Random walks and graphs, Gibbs measures, dynamics and universality			$105,312	
47.049	Randomized quasi-Monte Carlo sampling for scientific computing			$22,665	
47.049	Research in Particle Theory, Cosmology, and Quantum Gravity			$835,928	
47.049	S2I2: Institute for Research and Innovation in Software for High Energy Physics (IRIS-HEP)	Princeton University	SUB0000739	$252,867	
47.049	SPT-SLIM: A Line Intensity Mapping Pathfinder for the SPT	University of Chicago	AWD102374 (SUB00001054)	$6,279	
47.049	Stability in Geometric Variational Problems			$163,032	
47.049	Stanford Program in Support of LIGO - Seismic Isolation and Controls			$666,287	
47.049	Statistical Properties of Neural Networks			$138,202	
47.049	Strategies and Concepts for Enantioselective Electrocatalytic Hydrogenation Reactions			$15,860	
47.049	Strong Spin-Orbit Coupling and High Mobility via Complex Oxide Heteropitaxy			$7,233	
47.049	Student workshop in symplectic and contact geometry			$24,860	
47.049	Superconductor-(Metal)-Insulator Transitions: Understanding the Emergence of Metallic States, A Continuation Proposal			$243,142	
47.049	Symplectic, conformal symplectic, contact structures and foliations in interaction			$61,946	
47.049	The Algebra of Flow Categories			$58,958	
47.049	Theoretical and Computational Modeling of Supercoiling, Topology, and Active Fluctuations in Chromosomal Organization and Dynamics			$17,494	
47.049	Topics in Number Theory			$119,661	
47.049	Towards understanding fine-scale microbial diversity			$217,089	
47.049	Two-way shape memory polymer design based on periodic dynamic cross links inducing supramolecular nano structures			$233,264	
47.049	Ultrafast laser-electron heating for tailoring the emittance and charge of high-energy proton beams			$220,930	
47.049	Ultrafast Strong-Field Control of Coherence and Entanglement in Atoms and Molecules			$401,213	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
47.049	Yang-Mills existence, KPZ universality, and related problems			$22,250	
47.050	CAREER: Crossing over into the geochemical milieu: Using the molecular genomic record to inform the geologic biomarker record			$220,784	
47.050	CAREER: Cross-Instrument Synthesis of Antarctic Radar Sounding Observations			$51,848	
47.050	CAREER: Microbial activity and chemoautotrophy in the deep sea: who, how, and how much?			$282,892	
47.050	CAREER: Tracking deep-time environmental change through statistical analyses of the sedimentary geochemical record			$100,853	
47.050	CAREER:Assessing Responses of Precipitation Extremes to Anthropogenic EmissiON Changes			$49,773	
47.050	CEDAR: Coupling of Meteoroid Input to Thermospheric Processes Using Simulations and High-Power Large-Aperture (HPLA) Data			$251,922	
47.050	Cementation: Physical and Mechanical Response of the Cementation of Aluminosilicate Seals			$189,875	
47.050	Center for Chemical Currencies of a Microbial Planet (C-CoMP)	Woods Hole Oceanographic Institution	A101552/81958900	$188,155	
47.050	Center Operations: Cascadia Region Earthquake Science Center (CRESCENT)	University of Oregon	2017Y0C/2225286	$140,088	
47.050	Colaborative Research: Identifying and harnessing local refuges from oceanographic extremes for coastal marine species and fisheries			-$817	
47.050	Collaborative Research: Aeronomy: A Simulation and Theoretical Analysis of Meteor Evolution over Scales Ranging from Sub-microseconds to Minutes			$119,603	
47.050	Collaborative Research: Changes in hyporheic exchange and nitrous oxide generation due to streambed alteration by macro-roughness elements			$29,196	
47.050	Collaborative Research: Comparing the Geochemical and Temporal Links Between Volcanism and Plutonism at the Scale of a Single Arc Magmatic System			$34,274	
47.050	Collaborative Research: Do Rhizosolenia mats obtain N from cryptic co-occurring diazotrophs?			$44,544	
47.050	Collaborative Research: From Silicate Melts Properties to the Dynamics and Evolution of an Early Basal Magma Ocean			$88,366	
47.050	Collaborative Research: Imaging the Beginning of Time from the South Pole: Completing the BICEP Array Survey			$120,095	
47.050	Collaborative Research: Interactions of internal waves with submesoscale currents in the bottom boundary layer.			$88,663	
47.050	Collaborative Research: Investigating Magmatic Differentiation in a Fossil Upper-Crustal Silicic Magma System: Stillwater Range, NV			$16,272	
47.050	Collaborative Research: Kelp forest hydrodynamics: observations of drag and cross-shore exchange on the inner shelf			$15,944	
47.050	Collaborative Research: Late Cretaceous - early Cenozoic paleolatitude of the Walvis Ridge hotspot: Implications for true polar wander and hotspot geodynamics "			$107,369	
47.050	Collaborative Research: Opening the black box of oxygen deficient zone biogeochemistry through integrative tracers			$28,924	
47.050	Collaborative Research: Quantifying N2 fixation rates of non-cyanobacterial diazotrophs and environmental controls on their activity			$157,035	
47.050	Collaborative Research: Quantifying nitrous oxide sources across an oxygen gradient in the northern Benguela upwelling system			$173,727	
47.050	Collaborative Research: Testing the Impact of Land Plants on the Earth System			$229,660	
47.050	Collaborative Research: Testing the reduction of aerobic habitat as a common kill mechanism for major mass extinction events			$170,915	
47.050	Collaborative Research: The effects of SUP05 and virocells on nitrogen cycling in marine oxygen minimum zones			$29,797	
47.050	Collaborative Research: US GEOTRACES GP17-OCE: Mapping nitrous oxide sources and sinks through isotopic measurements in the Pacific Ocean			$81,087	
47.050	Community-based educational infrastructure for numerical simulation in the Earth Sciences: a reactive transport use case	Colorado School of Mines	401654-5801	$18,502	
47.050	Computational modeling of volcanic eruptions and their seismic and infrasound radiation			$94,373	
47.050	Development and Validation of an In-Situ Particle Tracking Velocimetry System for Ocean Turbulence Measurement			$39,070	
47.050	DISES: Pathways and constraints to adaptation on coastal social-environmental systems			$359,102	$231,198
47.050	Earthquake Sequence Simulations with Thermomechanical Coupling and Fault-Zone Fluid Transport			$3,463	
47.050	Exploring island-scale drivers of community stability in coral reef community dynamics			$110,729	
47.050	Geophysics of Iron in the Earth's Core			$64,598	
47.050	Insights into Episodic Caldera Collapse and Magmatic Systems from the 2018 Eruption of Klauea Volcano			$115,887	
47.050	Large-scale CoPe: Reducing Climate Risks with Equitable Nature-based Solutions: Engaging Communities on Reef-Lined Coasts	University of South Florida	2104-1376-10-C/P000042518	$540,906	$8,935
47.050	NSFGEO-NERC: Collaborative Research: Energy transfer between submesoscale vortices and resonantly-forced inertial motions in the northern Gulf of Mexico			$21,081	
47.050	NSFPLR-NERC: The Future of Thwaites Glacier and its Contribution to Sea-level Rise	University of California Santa Cruz	A18-0296-S004-P0668401	$162,282	
47.050	NSFPLR-NERC: TIME - Thwaites Interdisciplinary Margin Evolution - The role of shear margin dynamics in the future evolution of Thwaites drainage basin	University of California Santa Cruz	A18-0296-S002-P0668511	$140,530	
47.050	OCE-PRF Beyond the light: ecological and evolutionary insights into RuBisCO from the dark ocean			$35,840	
47.050	ORCC: Improved resilience to climate change through genomic compatibility of symbionts: coral reefs as a model for symbiosis dependent ecosystems			$386,640	
47.050	REU Site: Stanford SURGE- Sustainability Undergraduate Research in Geoscience and Engineering			$125,878	
47.050	Scientific Findings across Multiple Environments: Replication, Robustness, and Equity in Genetic Association Studies			$113,340	
47.050	Seafloor Fiber Optic Array in Monterey Bay (SEAFOAM)			$45,121	$45,121
47.050	SEES: Community Driven Management of Synchrotron Facilities for Earth and Environmental Science	University of Chicago	AWD104198 (SUB00000961)	$147,949	
47.050	Towards a process-based understanding of different eruptive regimes at persistently degassing volcanoes			$13,359	
47.050	Track II - Center Operations: Understanding the Coupled Evolution of Earthquakes, Faults, and Geohazards of the San Andreas Fault System	University of Southern California	SCON-00005767	$140,080	
47.050	Transdisciplinary Training Collaboratory: Building Common Ground			$404,194	-$11,143
47.050	Travel: International Workshop on Numerical Modeling of Earthquake Motions: Waves and Ruptures			$200	
47.050	U.S. Science Support Program Office associated with the International Ocean Discovery Program (USSSP-IODP)	Columbia University	102G(GG009393-04)	$10,452	

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STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
47.050	Understanding Dike Propagation Through Comparison of High-fidelity Coupled Fracture and Fluid Flow Models and Field Observations			$205,464	
47.070	AF: Medium: Algorithmic Market Design			$220,099	
47.070	AF: Small: Building a rich and rigorous theory of decision tree learning			$51,144	
47.070	AF: Small: Matching in Dynamic Environments			$165,921	
47.070	AF: Small: Memory Bounded Optimization and Learning			$137,119	
47.070	AI Institute: Institute for Foundations of Machine Learning	University of Texas at Austin	UTAUS-SUB00001345	$4,160	
47.070	AI Institutes: Institute for Collaborative Assistance and Responsive Interaction for Networked Groups (AI-CARING)	Georgia Institute of Technology	AWD-002623-G5	$106,226	
47.070	CAREER: A Unified Compiler for Sparse Array Operations and Relational Algebra			$122,931	
47.070	CAREER: Accelerating Machine Learning with Low Dimensional Structure			$209,454	
47.070	CAREER: Advancing Accessible Making for People with Visual Impairments via Tactile Shape Displays			$259,908	
47.070	CAREER: Automated and Robust Causal Inference for Data-Driven Decisions			$146,539	
47.070	CAREER: Controllable generation for instruction-following language models			$105,984	
47.070	CAREER: Discrete Convexity in Algorithm Design			$75,190	
47.070	CAREER: Distances and matchings under the lens of fine-grained complexity			$161,320	
47.070	CAREER: Extracting principles of neural computation from large scale neural recordings through neural network theory and high dimensional statistics			$242,846	
47.070	CAREER: Frontiers of Unconditional Derandomization			$77,207	
47.070	CAREER: Machine Learning for Discrete Optimization			$171,848	
47.070	CAREER: Machine Learning with Behavioral and Social Data			$18,820	
47.070	CAREER: New Frontiers of Quantum Pseudorandomness and Complexity			$93,067	
47.070	CAREER: Optimal Estimators Using Sum-of-Squares Proof Systems			$203,463	
47.070	CAREER: Physical Object Modeling for Intelligent Systems			$16,099	
47.070	CAREER: Safe and Influencing Interactions for Human-Robot Systems			$57,779	
47.070	CAREER: Scalable Assurance via Verifiable Hardware-Software Contracts			$47,797	
47.070	CAREER: Scarlet: Learned Protocols and Functional Architectures for Low-Latency Internet Video			$255,047	
47.070	CAREER: Socially-Aware Language Technologies To Support People in Supporting Others for Better Online Communities			$50,841	
47.070	CAREER: Toward a Comprehensive Generalization Theory for Deep Learning			$41,693	
47.070	CAREER: Understanding visual learning with self-supervised neural network models			-$33,511	
47.070	CAREER_Theory of Fast Graph Optimization			$34,605	
47.070	CCRI: ENS: Activity-Centric Interactive Environments for Embodied AI			$261,204	
47.070	CHS: Medium: Collaborative Research: Charting a Research Agenda in Artificial Intelligence - Mediated Communication			-$1,801	
47.070	CHS: Small: Learning and Leveraging Conventions in Human-Robot Interaction			$79,316	
47.070	CIF: Small: Foundations of Decentralized Data Science: Optimizing Utility, Privacy and Communication Efficiency			$58,404	
47.070	CNS Core: Large: Autonomy and Privacy with Open Federated Virtual Assistants			-$215,124	
47.070	Collaborative Research: AF: Medium: Continuous Concrete Complexity			$99,442	
47.070	Collaborative Research: AF: Medium: Foundations of Structured Optimization			$110,815	
47.070	Collaborative Research: AF: Medium: Modern Combinatorial Optimization: Incentives, Uncertainty, and Smoothed Analysis			$44,092	
47.070	Collaborative Research: AF: Medium: Quantum Monte Carlo Speed Ups for Multilevel Computations and Other Statistical Algorithms			$10,446	
47.070	Collaborative Research: AF: Small: Hardware-Aware Matrix Computations for Deep Learning Applications			$1,570	
47.070	Collaborative Research: CCRI: Grand: Virtual Experience Research Accelerator (VERA)			$65,430	
47.070	Collaborative Research: CIF: Medium: An Information-Theoretic Foundation for Adaptive Bidding in First-Price Auctions			$18,887	
47.070	Collaborative Research: CIF: Medium: MoDL: Toward a Mathematical Foundation of Deep Reinforcement Learning			$31,803	
47.070	Collaborative Research: CIF: Medium: Statistical and Algorithmic Foundations of Distributionally Robust Policy Learning			$208,188	
47.070	Collaborative Research: CISE: Large: Cross-Layer Resilience to Silent Data Corruption			$212,379	
47.070	Collaborative Research: CNS Core: Medium: A Stateful Switch Architecture for In-Network Compute			$24,248	
47.070	Collaborative Research: CNS Core: Small: Algorithms and Models for Asking Questions of Modern Network Traffic.			$8,853	
47.070	Collaborative Research: CPS: Medium: Closing the Teleoperation Gap: Integrating Scene and Network Understanding for Dexterous Control of Remote Robots			-$1,099	
47.070	Collaborative Research: CPS: Small: Risk-Aware Planning and Control for Safety-Critical Human-CPS			$215,953	
47.070	Collaborative Research: Differentiable and Expressive Simulators for Designing AI-enabled Robots			$74,714	
47.070	Collaborative Research: Elements: Linking geochemical proxy records to crustal stratigraphic context via community-interactive cyberinfrastructure			$64,954	
47.070	Collaborative Research: FMitF: Track I: End-user Programming for CAD Systems via Language Design and Synthesis			$79,472	
47.070	Collaborative Research: Framework: Improving the understanding and representation of atmospheric gravity waves using high-resolution observations and machine learning			$152,216	
47.070	Collaborative Research: Frameworks: A multi-fidelity computational framework for vascular mechanobiology in SimVascular			$474,429	
47.070	Collaborative Research: FuSe: Efficient Situation-Aware AI Processing in Advanced 2-Terminal SOT-MRAM			$258,899	
47.070	Collaborative Research: HCC: Medium: Big Data on the Dairy Farm: Relational Transformations across Agricultural Occupations and Organizations with the Rise of Digital Technologies			$125,646	
47.070	Collaborative Research: HCC: Medium: Encoding a Plurality of Societal Values in Social Media AIs			$35,189	
47.070	Collaborative Research: HCC: Small: Computational Design and Application of Wearable Haptic Knits			$28,048	
47.070	Collaborative Research: III: Medium: Contextualized and Multimodal Foundation Models for Graph Data in Scientific Discovery			$109,143	
47.070	Collaborative Research: Inverse Task Planning from Few-Shot Vision Language Demonstrations			$175,349	
47.070	Collaborative Research: Learning by Touch: Preparing Blind Students to Participate in the Data Science Revolution			$19,148	

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
47.070	Collaborative Research: Multifidelity Uncertainty Quantification Through Model Ensembles and Repositories			$3,502	
47.070	Collaborative Research: NRI: Robot-Assisted Feeding: Towards Efficient, Safe, and Personalized Caregiving Robots			$22,841	
47.070	Collaborative Research: PPoSS: LARGE: A Full-Stack Architecture for Sparse Computation			$325,488	
47.070	Collaborative Research: RI: Medium: Learning Compositional Implicit Representations for 3D Scene Understanding			$59,996	
47.070	Collaborative Research: RI: Medium: MoDL: Mathematical and Conceptual Understanding of Large Language Models			$113,316	
47.070	Collaborative Research: RINGS: Collaborative Inference and Learning Between Edge Swarms and the Cloud	University of Texas at Austin	UTAUS-SUB00000487	$93,542	
47.070	Collaborative Research: SaTC: Core: Large: Building Rapid-Response Frameworks to Support Multi-Stakeholder Collaborations for Mitigating Online Disinformation			$122,150	
47.070	Collaborative Research: SaTC: CORE: Medium: Systematic Detection Of and Defenses Against Next-Generation Microarchitectural Attacks			$49,100	
47.070	Collaborative Research: SCH: Fair Federated Representation Learning for Breast Cancer Risk Scoring			$332,047	$81,941
47.070	Collaborative Research: SHF: Small: Quasi Weightless Neural Networks for Energy-Efficient Machine Learning on the Edge			$130,913	
47.070	Collaborative Research: Visual Tactile Neural Fields for Active Digital Twin Generation			$237,762	
47.070	CPS: Medium: Sufficient Statistics for Learning Multi-Agent Interactions			$218,711	
47.070	CRAFTS: Culturally Relevant Augmented-Reality For Teaching of Science			$171,257	
47.070	CRCNS US-German Research Proposal: Inception loops for interpretable tuning in macaque area V4			$89,460	
47.070	Enabling data accountability and governance in machine learning.			$43,122	
47.070	Expeditions: Coherent Ising Machines for Optimization, Machine Learning and Neuromorphic Computing			$2,019,708	$772,660
47.070	Expeditions: Collaborative Research: Global Pervasive Computational Epidemiology			$422,901	
47.070	Expeditions: Collaborative Research: Understanding the World Through Code			$170,536	
47.070	Expeditions: Mind in Vitro Computing with Living Neurons	University of Illinois at Urbana Champaign	108555-18953	$185,925	
47.070	IMR: MM-1C: An Extensible Platform for Asking Research Questions of High-Speed Network Links			$99,083	
47.070	IMR: MT: Tools for Safe, Easy, and Reliable Active Global Internet Measurement			$282,813	
47.070	InTrans: Practical technology impact of fundamental research on coherent Ising machines			$425,170	
47.070	NRI: Hierarchical Representation Learning for Robot Assistants			$456,249	$424,114
47.070	NSF-BSF: AF: Small: Advancing Coding Theory Through the Lens of Pseudorandomness			$210,878	
47.070	NSF-BSF: AF: Small: Algorithmic Game Theory: Equilibria and Beyond			$18,583	
47.070	NSF-BSF: AF: Small: Algorithms for Graph-Based Codes			$101,649	
47.070	NSF-BSF: AF: Small: Mechanisms for Auctions and Markets - The Interplay of Incentives and Optimization			$31,555	
47.070	NSF-BSF: SHF: Small: Efficient, Automatic, and Trustworthy Smart Contract Verification			$31,207	
47.070	NSF-BSF: SHF: Small: Neural Network Verification: Abstraction, Compositional Verification and Standardization			-$85,119	
47.070	RI: Small: New tools for studying structural and inductive bias in NLP models			$7,334	
47.070	RI: Small: Using and Gathering Data for Efficient Batch Reinforcement Learning			$8,832	
47.070	SaTC: CORE: Frontier: Collaborative: End-to-End Trustworthiness of Machine-Learning Systems	University of Wisconsin-Madison	0000004158	$275,320	
47.070	SaTC: CORE: Frontier: Collaborative: End-to-End Trustworthiness of Machine-Learning Systems			$58,878	
47.070	SCC-IRG Track 2: NeighborDrive: Community-driven Neighborhood Wellbeing Improvement through Active Vehicular Crowdsensing			$294,003	$176,273
47.070	SCH:INT: A gamified mobile system for real-time mental health data modeling and personalized autism care across sociocultural settings			$23,690	
47.070	Travel: NSF Student Travel Grant for 2024 Formal Methods in Computer-Aided Design (FMCAD)			$14,472	
47.074	A novel integration of fine scale ecological data, high-resolution precision mapping, and regional network modeling to investigate environmental drivers of schistosomiasis dynamics			$390,191	$34,885
47.074	BIORETS: INterSPecies Interactions Research Experience (INSPIRE)			$164,575	
47.074	BoCP-Implementation: Eco-evolutionary dynamics of rewilding: Real-time genetic monitoring of large-mammal community reassembly	Princeton University	SUB0000642	$95,965	
47.074	CAREER: Dissecting the Mechanism of Replication Initiation in Vertebrates via Single Molecule Imaging			$247,409	
47.074	CAREER: Elucidating Large-Scale Spatial Patterns of Ecosystem Traits with Data Assimilation			$253,507	
47.074	CAREER: Elucidating trans-kingdom horizontal gene transfer mechanisms to improve plant genetic engineering			$124,604	
47.074	CAREER: From Ecology to Neurobiology: spatial cognition in rainforest frogs			-$13,046	
47.074	CAREER: Investigating Chromatin Dynamics Underlying Activity-Induced Neuronal Transcription Using CRISPR Technologies			$34,673	
47.074	Center for Cellular Construction	University of California San Francisco	13401sc, 13402sc	$286,194	
47.074	Collaborative Proposal: MRA: Macroecology of microorganisms: Scaling fungal biodiversity from soil cores to the North American continent			$944	$556
47.074	Collaborative Research: Adaptation and plasticity during drought stress: Linking physiology, collective behavior and fitness			$87,240	
47.074	Collaborative Research: Biomechanical mechanisms conferring wound resilience in single-celled organisms			$394,981	
47.074	Collaborative Research: Climate effects on Mn oxidation states in soils and Mn/SOM interactions			$49,539	
47.074	Collaborative research: defining the scope and consequences of ectomycorrhizal fungal control on forest organic matter decomposition			-$649	
47.074	Collaborative Research: Do defenses against herbivores and pathogens drive the commonness and rarity of tropical trees at local and regional scales?			$16,511	
47.074	Collaborative Research: EDGE CMT: Genetic and energetic basis of mitonuclear incompatibilities during speciation			$63,949	
47.074	Collaborative Research: From Molecules to Communities: How Levels of Selection Integrate to Tame Selfish Elements			$266,204	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
47.074	Collaborative Research: MRA: PanAm Peat: Understanding Water and Carbon Cycling across the Pan-American Tropical Peatland Biome			$109,981	
47.074	Collaborative Research: Phyloregion, computational infrastructure for biogeographic regionalization and macroecology in the R computing environment			$310,999	
47.074	Collaborative Research: Systematic Investigation of the Structure, Dynamics, and Energetics of Hydrogen Bonds and the Protein Interior Using Ketosteroid Isomerase and Model Systems			-$131,709	
47.074	Conference: Ecology and Evolution of Infectious Diseases 2024 Workshop			$4,338	
47.074	Connecting cell fate and epigenome drift through physical models of chromatin structure and dynamics	University of California Irvine	2020-1358	$165,594	
47.074	Ecophysiology of chemical defense evolution in poison frogs			$442,447	$84,959
47.074	EDGE: Developing techniques for linking genotype to phenotype in amphibians			-$1,628	
47.074	Ensemble-function Studies of Enzyme Mechanism			$189,308	
47.074	FMRG: Genetically-targeted chemical assembly (GTCA) of functional structures in living cells, tissues, and animals			$774,273	
47.074	Forces, Kinetics, and the Thermodynamics of Crowded Cell Surfaces			$200,090	
47.074	How land use change transforms the landscape of vector-borne disease			$724,182	$114,199
47.074	Impact of Matrix Viscoelasticity on Induced Pluripotent Stem Cell Morphogenesis			$92,019	
47.074	Leveraging Microfluidics for High-Throughput in Vitro Investigations of Transcriptional Regulation			$136,377	
47.074	MFB: Next-generation proximity labeling technologies to map subcellular transcriptomes and RNA interactomes in living cells with nanometer resolution			$292,033	
47.074	MIM: Systematic Dissection of Complex Synthetic Gut Bacterial Communities			$332,843	$266,251
47.074	Molecular mechanisms that boost systemic immunity in plants			$129,384	
47.074	MTM 1: The sandy beach microbiome: physical, chemical and biological controls on diversity and function			$155,092	
47.074	NeuroNex: Enabling Identification and Impact of Synaptic Weight in Functional Networks	University of Texas at Austin	UTA20-000889	$196,232	
47.074	NSF-IOS: Natural selection on the social interactions that mediate collective behavior: ecological pressures and genomic architecture			$53,278	
47.074	RAISE: T4C: Reprogramming cellular signaling pathways with implanted integrated circuits	University of California San Francisco	16000sc	$85,946	
47.074	RoL: Regulation of cell envelope homeostasis in the alpha-proteobacterium Sinorhizobium meliloti			$47,457	
47.074	Unraveling biofilm matrix composition, architecture, and function			-$252,548	
47.074	Using sedaDNA from California Holocene and Anthropocene lake sediments to determine drivers of the "Insect Apocalypse"			-$335	
47.075	Affective Virality on Social Media: The Role of Culture and Ideal Affect			$259,690	
47.075	Auction Design for Complex Centralized Markets			$4,937	
47.075	CAREER: Family Behavior, Health, and Government Policy: Research and Training	National Bureau of Economic Research	36409.00.00.00.7700	$148,814	
47.075	CAREER: Frictional Financial Markets, Crises and Policies	National Bureau of Economic Research	36422.00.00.00.7700	$28,241	
47.075	CAREER: Macroeconomic Implications of Microeconomic Heterogeneity	National Bureau of Economic Research	36398.00.00.00.7700	$100,971	
47.075	CAREER: Mechanisms enabling the flexible expression of visual concepts			$201,933	
47.075	CAREER: Understanding the Drivers and Consequences of Personal Adaptation Behavior to Environmental Extremes			$82,533	
47.075	Collaborative Research: Building a Framework for the Causes of and Solutions to the Pluralistic Ignorance Gap on Climate Change			$40,563	
47.075	Collaborative Research: DASS: Developer Implementation of Privacy in Software Systems			$94,680	
47.075	Collaborative Research: IHBEM: Data-driven multimodal methods for behavior-based epidemiological modeling			$169,608	
47.075	Collaborative Research: NCS-FR: Beyond the ventral stream: Reverse engineering the neurocomputational basis of physical scene understanding in the primate brain			-$26,810	
47.075	Collaborative Research: Segregation, Suburbanization, and Representation			$49,519	
47.075	Collaborative Research: SOS-DCI / HNDS-R: Advancing Semantic Network Analysis to Better Understand How Evaluative Exchanges Shape Scientific Arguments			$152,369	
47.075	Collaborative Research: Time-Sharing Experiments for the Social Sciences (TESS): Proposal for Renewed Support			$177,969	
47.075	Collaborative Research: Transparency and Misspecification in Structural Estimation			-$339	
47.075	Covid-19: Collaborative Research: The Intergenerational Effects of COVID-19			-$2,022	
47.075	Developing an Ethics and Society Review for Research			$86,848	
47.075	Doctoral Dissertation Research Award: Investigating the Role of Scale in the Development of Flexible Irrigation Structures.			$18,506	
47.075	Doctoral Dissertation Research in Economics: Breaking the Bubble - The Determinants and Effects of Contact			$2,934	
47.075	Doctoral Dissertation Research: Contested Land: Black Land Dispossession and Citizenship in the America South			$18,133	
47.075	Doctoral Dissertation Research: Global Social Movements and Community-Building in the Digital Age			$32,325	
47.075	Doctoral Dissertation Research: Place, Persona, and Linguistic Style among College Student Border Commuters			$7,085	
47.075	Doctoral Dissertation Research: Religion, Migration, and the Boundaries of Political Belonging			$281	
47.075	Doctoral Dissertation Research: Science, kinship, and nationalism through DNA identification			$17,620	
47.075	Doctoral Dissertation Research: Socially guided allocation of attention and the memory encoding of spoken language			$14,695	
47.075	Emotion as information: Young children's use of others' emotional expressions to guide their inference and exploration			$218,923	
47.075	Families and Entrepreneurship			$103,264	
47.075	GDP-B: A New Well-being Metric in the Era of the Digital Economy			$51,934	
47.075	Genealogical ancestors, admixture, and population history			$99,017	
47.075	Identifying the Optimal Methods for Controlling Contamination Bias in Prospective Research on Child Maltreatment	Pennsylvania State University	S002840-NSF	-$17,290	
47.075	Immigration Law as Development Policy: Mexican Guestworkers and the H-2A Visa Program			$219,607	
47.075	Innovating Developmental Science with an Online, Scalable Meta-Science Platform for Investigating Cognitive Development During Early Childhood	University of Texas at Dallas	2008652; PO S314550	$24,520	
47.075	Learning Decision Rules in Shifting Environments			$89,675	
47.075	Learning systems that enable healthcare workers to perfect safety-critical hospital work			$797,018	$60,913

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
47.075	NSF Career: Within City, Across Seasons or Across Borders: The Economics of Labor Movements			$20,393	
47.075	REU Site: Language, Cognition and Computation			$15,000	
47.075	REU Site: Talking College: Increasing African-American English Speakers in the Linguistic Sciences through Research on Language and Social Mobility			-$1,814	
47.075	SBE-UKRI: Understanding imprecise space and time in narratives through qualitative representations, reasoning, and visualisation			$75,710	
47.075	SCISIPBIO: Can consultation create a fairer scientific peer-review process?			$52,096	
47.075	Social Response to Environmental Variation			$76,778	
47.075	Stanford Institute for Theoretical Economics Summer Workshop			$129,317	
47.075	The 2024 American National Election Studies	University of Michigan	SUBK00016711/PO3007222037	$464,365	
47.075	Theoretical and Empirical Investigations of the Dynamics of Homophily and its Impact on Students' Achievement, Decisions, and Well-Being			-$60	
47.076	AI Institute for Transforming Education for Children with Speech and Language Processing Challenges	State University of New York at Buffalo	R1340096	$206,123	
47.076	Building STEM Skills by Integrating Data Literacy and Text Analytics in English Language Arts			$176,262	
47.076	Collaborative Research: AGEP Transformation Alliance: Research Exchange			$17,651	
47.076	Collaborative Research: Scaling the Early Research Scholars Program			$1,344	
47.076	Collaborative Research: Supporting Rural Paraprofessional Educators and their Students with Computer Science Professional Learning and Expansively Framed Curriculum			$16,317	
47.076	Effects of Combined Attention and Academic Interventions for Kindergarten Children with Significant Difficulties in Mathematics	Vanderbilt University	OSA00000037 / PO #: P23004624	$29,889	
47.076	Facilitating Teacher Learning with Video Clips of Instruction in Science	Rand Corporation	SCON-00000573	$33,771	
47.076	Graduate Research Fellowship Program			$21,361,817	
47.076	Improved Measures of Data Visualization Literacy to Advance Research and Assessment in STEM Education			$352,535	
47.076	NRT: NeuroTech - Bringing Technology to Neuroscience			$11,090	
47.076	Pair Programming with Intelligent Social Agents			$298,099	
47.076	Promoting Math in Young Children: Leveraging pediatric clinics to reach underrepresented children in rural communities			$867,578	$422,945
47.076	RAPID: DRL AI: Constructing Understandings of Generative AI/ML in Education			$54,515	$17,662
47.076	RAPID: DRL AI: Scaffolding Automated Feedback for Teachers			$18,084	$9,821
47.076	RCN-UBE: San Francisco Bay Research Coordination Network for Student Opportunities in Avian Research to enhance STEM education and assess human impacts on avian biodiversity			$101,245	$62,702
47.078	CAREER: Taking process-based models to the field to understand the possibility and implication of an internal shear band forming in ice flowing over rough topography			$22,697	
47.078	Collaborative Research: Investigating four decades of Ross Ice Shelf subsurface change with historical and modern radar sounding data			$69,526	
47.078	Collaborative Research: NSFGEO-NERC: Understanding surface-to-bed meltwater pathways across the Greenland Ice Sheet using machine-learning and physics-based models			$213,842	
47.078	Collaborative Research: Understanding the massive phytoplankton blooms over the Australian-Antarctic Ridge			$198,498	
47.078	EAGER: Community-Driven Ice Penetrating Radar Systems for Observing Complex Ice-Sheet Thermal Structure and Flow			$97,621	
47.078	Priorities for future US-led physical oceanography fieldwork in the sub-polar Southern Ocean			$463	
47.078	The Tale of Three Systems: Fate of Primary Production in the Chukchi Sea			$179,040	
47.079	Global Centers Track 1: Global Hydrogen Production Technologies Center	Arizona State University	ASUB00001463	$155,003	
47.083	GCR: Collaborative Research: The Convergent Impact of Marine Viruses,Minerals, and Microscale Physics on Phytoplankton Carbon Sequestration			$64,717	
47.083	SECURE Analytics	Texas A&M University	M2404617	$604,898	
47.083	SECURE Center: Safeguarding the Entire Community of the U.S. Research Ecosystem	University Of Washington	UWSC16189/PO-0100177302	$290,250	
47.084	AI-Powered Low-dose, Low-cost, High-Quality CT Imaging	NeuralTrak, Inc.	SPO 342604	$82,049	
47.084	Electro-Thermal Co-Design Center for Ultra-Wide Bandgap Semiconductor Devices	Pennsylvania State University	S004475-NSF	$6,365	
47.084	FuSe2 Topic 2: Heterogeneous 3D Integration of Energy-Efficient Electronics (H3E3) with Low-Dimensional Device Layers			$460,667	$117,246
47.084	FuSe-TG: The Future of Semiconductor Technologies for Computing through Device-Architecture-Application Co-Design			$138,119	$31,385
47.084	I-Corps: Translation Potential of a Breath Monitoring Device to Detect Necrotizing Enterocolitis			$24,784	
47.084	I-Corps: Translation Potential of an Interface Designed for Real-time Monitoring of Groundwater Levels and Assessment of Land Subsidence			$19,879	
47.084	Ideas Lab: USPRD: Programmable small molecule biosynthesis	Purdue University	10002596-006	$150,551	
47.084	IMUs and Signal Processing Based Position Sensing for Low Cost 3D Ultrasound Imaging for Non-Expert Users	SonoVance, Inc.	322672	$96,374	
47.084	MCA: Microphysiological Placental Model Integrated with Hyperspectral Imaging for Evaluating Cell Responses to Stressors	Iowa State University	028012	$19,583	
47.084	Modality: Innovative Evidence-based training for paraprofessionals			$15,144	
47.084	NSF Convergence Accelerator Track E: Digital Reefs: A Globally Coordinated, Universally Accessible Digital Twin Network for the Coral Reef Blue Economy	Woods Hole Oceanographic Institution	A101603 / 83073400	$3,907	
47.084	NSF Convergence Accelerator Track M: Soft Growing Robots for Mobility Support	Massachusetts Institute of Technology	s6276/PO1026083/2344314	$24,411	
47.084	Performance Enhanced Bio-based Acrylate Polymers	Arzeda Corp.	NSF550-ARZ-SU-001	$10,916	
47.084	PFI-RP: Resilient and Energy-Efficient Memory Chips for Enhanced Mobile AI and Personalized Machine Learning			$246,498	
47.084	PFI-TT: Vine Robots for In-Pipe Navigation and Inspection of Critical Infrastructure			$348,200	
47.084	POSE: Phase I: An open-source ecosystem for statistical Python	University of California Berkeley	00011970 / BB01928471	$31,099	
47.084	POSE: Phase I: Evolving an Open-Source Ecosystem for the InVEST Modeling Suite for Mapping and Quantifying Values from Nature			$27,800	
47.084	POSE: Phase II: A Sustainable Open Source Consortium for the Tock Secure Embedded Operating System	Princeton University	SUB0000742	$60,389	
47.084	POSE: Phase II: An Open-Source Ecosystem for the cvc5 SMT Solver			$725,505	$340,113
47.084	Proto-OKN Theme 2: SPIDER: Scalable Public Infrastructure for Distributed Entity Relationships	Onai Inc.	2333849	$104,031	
47.RD	The Relationship between Teacher Turnover and Instructional Change: Lessons from a Statewide Literacy Reform	American Educational Research Association	346209	$21,080	
United States Environmental Protection Agency				**$792,534**	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
66.034	Energy Modeling Forum Research Program on Energy and Integrated Assessment Modeling			$146,794	
66.034	EPA and Tule River Tribe - Establishing Data-driven Community Mitigation Strategies for Air Quality on the Tule River Indian Reservation	Tule River Tribe	SPO 258801	$19,264	
66.126	Development of a study plan to improve characterization of bed sediments and settling velocity to advance sediment transport modeling in San Francisco Estuary	San Francisco Estuary Institute	1790	$36,540	
66.490	Southwest Regional Stormwater Coalition	Desert Research Institute	GR21856	$10,829	
66.509	Advancing Sanitation Justice			$483,000	$188,286
66.509	EPA - Evaluating the effectiveness of interventions on reducing wildfire smoke exposure and health risks in low-income hard-to-reach communities			$96,110	$44,485
66.516	Electro-Assisted Wastewater Nutrient Recovery			-$3	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
Child Care and Development Fund Cluster				**$135,425**	
Department of Health and Human Services				**$135,425**	
93.575	Secondary data analyses using the RAPID national samples to assess landscape shifts in early care and education access and the impacts of state-level policies			$135,425	
Other Federal Awards				**$4,904,372**	
Department of Defense				**$342,037**	
12.U03	DAF-Stanford Fusion AI Accelerator for De-Risking Emerging AI and Energy-Efficient Compute Technologies 2024 Workshop Support	Griffiss Institute Inc.	SA1001-202406-1234	$342,037	
Department of Education				**$2,521,996**	
84.015A	National Resource Centers (NRC) Program			$1,217,334	
84.015B	Foreign Language and Area Studies Fellowship (FLAS) Program			$873,601	
84.022A	Yan Chang Fulbright-Hays Doctoral Dissertation Research Abroad (DDRA) Fellowship Sponsor: US Department of Education			$41,280	
84.325D	Leadership in Research and Teacher Preparation for System-wide Inclusive Education			$389,781	$137,880
Department of Health and Human Services				**$1,065,625**	
93.084	Prevention Policy Modeling Lab			$615,258	$240,660
93.107	California Area Health Education Center (Federal AHEC)	University of California San Francisco	13960SC	$42,325	
93.365	Sickle Cell Treatment Demonstration Program	Center for Inherited Blood Disorders (CIBD)	CIBDIX2014HRSA-STAN-10, 11	$29,846	
93.421	Covid-19: Policy Modeling and Forecasting for Public Health Decision Making	Council of State and Territorial Epidemiologists	PO 8173	$111,444	$100,805
93.946	Statewide Perinatal Quality Collaboratives			$261,752	
93.U01	SAMHSA FentAlert Challenge			$5,000	
National Archives and Records Administration				**$137,064**	
89.003	Martin Luther King, Jr., Papers Project			$137,064	$5,646
National Foundation on the Arts and the Humanities				**$197,664**	
45.149	Sustaining early disciplinary websites of lasting importance: The case of history of science			$20,892	
45.164	NEH - Wise Women: A Philosophy Talk Series on Female Philosophers Through the Ages			$90,905	
45.169	Digital Accessibility for Blind Scholars of Antiquity			$85,867	
Secretary of the Senate				**$639,986**	
99.U02	Preservation Partnership Grant to Assist the Senate Historical Office and the Senate Archivist with the Archiving of Senator Diane Feinstein's Records in the Digital Age			$639,986	

The accompanying notes are an integral part of this schedule of expenditures of federal awards

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART A - AWARD EXPENDITURES BY FEDERAL PROGRAM
YEAR ENDED AUGUST 31, 2025

Cluster / Federal Grantor / Assistance Listing Number	Federal Program Name	Name of Passthrough Entity	Pass-through Entity Identifying Number/Additional Award Identification	Total Federal Expenditures	Amount Passed Through to Subrecipients
Student Financial Assistance Cluster				**$64,909,047**	
Department of Education				**$13,881,406**	
84.007	SEOG: Federal Supplemental Educational Opportunity Grant			$866,775	
84.033	FWS: Federal Work Study			$1,958,482	
84.033	Pell Grant Program			$10,902,440	
84.033	TEACH: Teacher Education Assistance for College and Higher Education			$153,709	
Department of Education (Loans and Loan Programs)				**$51,015,476**	
84.038	Department of Education - Federal Perkins Loan Program - Administrative Allowance			$0	
84.038	Department of Education - Federal Perkins Loan Program - New Loans Issued			$0	
84.038	Department of Education - Federal Perkins Loan Program - Outstanding Balance as of 9/1/2024			$4,740,386	
84.268	Department of Education - Federal Direct Student Loan Program - PLUS Loans - Graduate and Parent - New Loans Issued			$29,348,649	
84.268	Department of Education - Federal Direct Student Loan Program - Subsidized Stafford Loans - New Loans Issued			$662,570	
84.268	Department of Education - Federal Direct Student Loan Program - Unsubsidized Stafford Loans - New Loans Issued			$16,263,871	
Department of Health and Human Services (Loans and Loan Programs)				**$12,165**	
93.342	Department of Health and Human Services - Loans for Disadvantaged Students - New Loans Issued			$0	
93.342	Department of Health and Human Services - Loans for Disadvantaged Students - Outstanding Balance as of 9/1/2024			$12,165	
Grand Total				**$1,102,470,206**	**$124,439,197**

The accompanying notes are an integral part of this schedule of expenditures of federal awards

Schedule of Expenditures of Federal Awards
Part B, Federal Loan Program Year End Balances

STANFORD UNIVERSITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
PART B - FEDERAL LOAN PROGRAMS YEAR END BALANCES
YEAR ENDED AUGUST 31, 2025

Federal Grantor/Assistance Listing Number	Federal Program Name	Outstanding Loan Balance as of 08/31/2025
Department of Education		
84.038	Federal Perkins Loan Program - Outstanding Balance	**$3,474,504**
Department of Health and Human Services		
93.342	Loans for Disadvantaged Students - Outstanding Balance	**$8,332**
Total		**3,482,836**

Stanford University
Notes to Schedule of Expenditures of Federal Awards
Year Ended August 31, 2025

1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the "Schedule") Part A, Award Expenditures by Federal Program and Part B, Federal Loan Program Year End Balances, has been prepared in accordance with the 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). Therefore, amounts presented in the Schedule may differ from amounts presented in, or used in the preparation of, Stanford University's ("Stanford") financial statements, as they relate to the various federal loan programs, as well as other awards. The purpose of the Schedule is to present a summary of those activities by Stanford for the year ended August 31, 2025, that have been financed by the U.S. Government ("federal awards").

Consistent with the provisions of Uniform Guidance, the Schedule does not include expenditures of SLAC National Accelerator Laboratory that was funded by Department of Energy ("DOE") contract. SLAC National Accelerator Laboratory, a national laboratory operated and managed by Stanford under contract directly with DOE, represents a government-owned, contractor operated ("GOCO") facility. GOCOs are excluded from the provisions of the Uniform Guidance. The Schedule does not include federal expenditures of Stanford Health Care and Lucile Salter Packard Children's Hospital because a discrete schedule of expenditures in accordance with Uniform Guidance is issued for those entities.

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

The accompanying Schedule has been prepared on the accrual basis of accounting, which is consistent with Stanford's financial statements. Assistance Listing Numbers and pass-through numbers are provided when available. Negative amounts presented as expenditures represent subsequent period adjustments, transfers, or vendor credits.

2. Loan Programs

The federal student loan programs listed in the Schedule are administered directly by the University and balances and transactions relating to these programs are included in Stanford's consolidated financial statements. Included within the Schedule Part A are the loan beginning balances, new loans and administrative cost allowances from the Perkins Loans Program and Loans for Disadvantaged Students. Included within the Schedule Part B are the loan balances for the year ended August 31, 2025.

3. Programs Excluded from Subpart F-Audit Requirements

Included in the Schedule Part A, Award Expenditures by Federal Program, are federal Other Transaction Authority awards amounting to $23,012,571. These awards are excluded from audit requirements under Subpart F of Title 2 U.S. Code of Federal Regulations Part 200.

4. Child Care and Development Fund Cluster

The Child Care and Development Fund (CCDF) cluster amounting to $135,425 pertains to expenditures on an award from the Administration for Children and Families, Department of Health and Human Services under ALN 93.575.

II. Internal Control and Compliance

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

To the Board of Trustees of the Leland Stanford Junior University

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the consolidated financial statements of The Leland Stanford Junior University and its subsidiaries' ("Stanford"), which comprise the consolidated statement of financial position as of August 31, 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 December 9, 2025, except with respect to the opinion on the schedule of expenditures of federal awards, as to which the date is May 15, 2026.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the consolidated financial statements, we considered Stanford'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 Stanford's internal control. Accordingly, we do not express an opinion on the effectiveness of Stanford'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.

PricewaterhouseCoopers LLP, 405 Howard Street, Suite 600, San Francisco, CA 94105
T: (415) 498 5000

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether Stanford'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 Stanford's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Stanford's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

PricewaterhouseCoopers LLP

San Francisco, California
December 9, 2025, except with respect to the opinion on the schedule of expenditures of federal awards, as to which the date is May 15, 2026

pwc

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

To the Board of Trustees of the Leland Stanford Junior University

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited The Leland Stanford Junior University and its subsidiaries' ("Stanford") 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 Stanford's major federal programs for the year ended August 31, 2025. Stanford'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, Stanford 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 August 31, 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 Stanford 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 Stanford's compliance with the compliance requirements referred to above.

Other Matter - Federal Expenditures Not Included in the Compliance Audit

Stanford's consolidated financial statements include the operations of Stanford Health Care and Lucile Salter Packard Children's Hospital at Stanford, which are not included in Stanford's schedule of expenditures of federal awards during the year ended August 31, 2025. Our compliance audit, described in the Opinion on Each Major Federal Program section of our report, does not include the operations of Stanford Health Care or Lucile Salter Packard Children's Hospital at Stanford because a discrete report in accordance with Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) is issued for those entities.

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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 Stanford'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 Stanford'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 Stanford'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 Stanford'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 Stanford'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 Stanford'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

San Francisco, California
May 15, 2026

III. Findings

Stanford University
Schedule of Findings and Questioned Costs
August 31, 2025

Section I – Summary of Auditor's Results

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

Federal Awards

Internal control over major programs:	
Material weakness(es) identified?	No
Significant deficiency(ies) identified that are not considered to be material weaknesses?	None reported
Type of auditor's report issued on compliance for major programs:	Unmodified
Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)?	No
Identification of major programs:	

Assistance Listing Number(s)	**Name of Federal Program or Cluster**
Various	Research and Development Cluster
84.015A, 84.015B	National Resource Centers (NRC) Program, Foreign Language and Area Studies Fellowship (FLAS) Program

Dollar threshold used to distinguish between Type A and Type B programs:	$3,307,411
Auditee qualified as low-risk auditee?	Yes

Stanford University
Schedule of Findings and Questioned Costs
August 31, 2025

Section II – Financial Statement Findings

None noted.

Stanford University
Summary Schedule of Prior Audit Findings
August 31, 2025

2024-001 – Verification status code within the Common Origination and Disbursement System - Closed

Cluster: Student Financial Assistance
Sponsoring Agency: Department of Education
Award Name: Pell Grant Program
Award Number: N/A
Assistance Listing Title: Federal Pell Grant Program
Assistance Listing Number: 84.033
Award Year: 2023-2024
Pass-through entity: Not applicable

Condition

Through testing of 25 students selected for verification by the Department of Education (ED), PwC noted the verification status code was not reported to the COD for four samples:

- For one sample selection, the student was selected for verification by the ED but was not verified until December 2024, which was after the first disbursement of financial aid to this student in Fall 2023.

- For three sample selections, the school provided evidence the University performed verification procedures timely, but did not update the Verification Status code appropriately.

Recommendation

PwC recommended the University implement staffing contingency enhancements to mitigate issues in the future. Additionally, it was recommended that the University establish a process to ensure that all students selected for verification by the ED are indeed verified and that staff are following existing procedures to ensure that verification statuses are sent to the COD as appropriate.

Management Actions Taken

The Financial Aid Offices have implemented the corrective action plan as scheduled. The new process for proactively notifying the professional school aid offices when their applicants are selected for federal verification has been in place since January 1, 2025 and is working well. The robust procedures that are meant to ensure accuracy in the verification status field of Pell Grant records in the COD system have been in place since May 1, 2025, and are functioning as intended.

Stanford University
Summary Schedule of Prior Audit Findings
August 31, 2025

2024-002 – Enrollment Reporting - Open

Cluster: Student Financial Assistance
Sponsoring Agency: Department of Education
Award Name: Pell Grant Program and Federal Direct Student Loans
Award Number: N/A
Assistance Listing Title: Federal Pell Grant Program and Federal Direct Student Loans
Assistance Listing Number: 84.033 and 84.268
Award Year: 2023-2024
Pass-through entity: Not applicable

Condition

Through testing of 25 students of enrollment status changes, PwC noted the following:

- Six out of 25 students selected displayed status change effective dates per the respective student file that did not match either program level information, campus level information, or both.

- Two out of 25 students enrolled in multiple programs selected displayed a graduation status per their respective student file that was not reported in the NSLDS program level data or campus level data.

Recommendation

PwC recommended that management establish controls to promptly detect and address inconsistencies in enrollment reporting to ensure timely and accurate updates to NSLDS.

Management Actions Taken

The remediation for the issue affecting 2 out of 25 students, whose graduated status was not accurately reflected in their enrollment history was completed in December 2025 with the implementation of the Graduates Only file.

For the issue affecting 6 out of 25 students, whose status change effective dates did not match their program level information, the Academic Records & Enrollment Office is continuing to work with the University IT team to implement reporting enhancements.