

**SPACE SCIENCE INSTITUTE
FINANCIAL STATEMENTS
YEARS ENDED DECEMBER 31, 2022 AND 2021**



CPAs | CONSULTANTS | WEALTH ADVISORS

[CLAconnect.com](https://www.CLAconnect.com)

**SPACE SCIENCE INSTITUTE
TABLE OF CONTENTS
YEARS ENDED DECEMBER 31, 2022 AND 2021**

| | |
|--|-----------|
| INDEPENDENT AUDITORS' REPORT | 1 |
| FINANCIAL STATEMENTS | |
| STATEMENTS OF FINANCIAL POSITION | 4 |
| STATEMENTS OF ACTIVITIES | 5 |
| STATEMENTS OF FUNCTIONAL EXPENSES | 7 |
| STATEMENTS OF CASH FLOWS | 9 |
| NOTES TO FINANCIAL STATEMENTS | 10 |



INDEPENDENT AUDITORS' REPORT

Board of Directors
Space Science Institute
Boulder, Colorado

Report on the Audit of the Financial Statements

Opinion

We have audited the accompanying financial statements of Space Science Institute (a nonprofit organization), which comprise the statements of financial position as of December 31, 2022 and 2021, and the related statements of activities, functional expenses, and cash flows for the years then ended, and the related notes to the financial statements.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Space Science Institute, as of December 31, 2022 and 2021, 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 (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 Financial Statements* section of our report. We are required to be independent of Space Science Institute and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Change in Accounting Principle

As discussed in Note 1 to the financial statements, in 2022 the Institute adopted new accounting guidance for leases. The guidance requires lessees to recognize a right-of-use asset and corresponding liability for all operating and finance leases with lease terms greater than one year. Our opinion is not modified with respect to this matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the 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 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 Space Science Institute's ability to continue as a going concern within one year after the date that the financial statements are available to be issued.

Auditors' Responsibilities for the Audit of the 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 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 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 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 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 Space Science Institute's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Space Science Institute's ability to continue as a going concern for a reasonable period of time.

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

Board of Directors
Space Science Institute

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated May 10, 2023, on our consideration of Space Science Institute's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. 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 Space Science Institute's 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 Space Science Institute's internal control over financial reporting and compliance.

A handwritten signature in cursive script that reads "CliftonLarsonAllen LLP".

CliftonLarsonAllen LLP

Denver, Colorado
May 10, 2023

**SPACE SCIENCE INSTITUTE
STATEMENTS OF FINANCIAL POSITION
DECEMBER 31, 2022 AND 2021**

| | 2022 | 2021 |
|---|--------------|--------------|
| ASSETS | | |
| CURRENT ASSETS | | |
| Cash | \$ 2,164,789 | \$ 464,262 |
| Accounts Receivable, Grants and Contracts | 1,331,344 | 914,382 |
| Prepaid Expenses and Deposits | 116,454 | 105,413 |
| Total Current Assets | 3,612,587 | 1,484,057 |
| PROPERTY AND EQUIPMENT | | |
| Furniture and Equipment | 918,713 | 909,246 |
| Accumulation Depreciation | (755,220) | (738,884) |
| Property and Equipment, Net | 163,493 | 170,362 |
| OPERATING RIGHT-OF -USE ASSET | | |
| | 580,966 | - |
| Total Assets | \$ 4,357,046 | \$ 1,654,419 |
| LIABILITIES AND NET ASSETS | | |
| CURRENT LIABILITIES | | |
| Accounts Payable | \$ 148,022 | \$ 97,616 |
| Accrued Salary and Related Expenses | 599,407 | 364,742 |
| Unexpended Grant Revenues | 136,134 | 215,245 |
| Line of Credit | 100,000 | 362,946 |
| Short-Term Note Payable | 22,011 | 22,011 |
| Current Lease Liability - Operating | 152,824 | - |
| Total Current Liabilities | 1,158,398 | 1,062,560 |
| LONG-TERM LIABILITIES | | |
| Long-Term Note Payable | 47,096 | 63,905 |
| Long-Term Lease Liability - Operating | 435,499 | - |
| Total Long-Term Liabilities | 482,595 | 63,905 |
| Total Liabilities | 1,640,993 | 1,126,465 |
| NET ASSETS | | |
| Without Donor Restrictions | 559,562 | 525,449 |
| With Donor Restrictions | 2,156,491 | 2,505 |
| Total Net Assets | 2,716,053 | 527,954 |
| Total Liabilities and Net Assets | \$ 4,357,046 | \$ 1,654,419 |

See accompanying Notes to Financial Statements.

**SPACE SCIENCE INSTITUTE
STATEMENT OF ACTIVITIES
YEAR ENDED DECEMBER 31, 2022**

| | Without Donor Restrictions | With Donor Restrictions | Total |
|---------------------------------------|-------------------------------|----------------------------|--------------|
| SUPPORT AND REVENUE | | | |
| Grant Income | \$ 8,316,216 | \$ - | \$ 8,316,216 |
| Contributions | 22,307 | 3,511,603 | 3,533,910 |
| Exhibit and Workshop Income | 3,860 | - | 3,860 |
| Interest Income | 935 | - | 935 |
| Net Assets Released from Restrictions | 1,357,617 | (1,357,617) | - |
| Total Support and Revenue | 9,700,935 | 2,153,986 | 11,854,921 |
| EXPENSES | | | |
| Science Research Programs | 4,882,076 | - | 4,882,076 |
| Science Education Programs | 2,481,704 | - | 2,481,704 |
| Management and General | 2,297,266 | - | 2,297,266 |
| Development | 5,776 | - | 5,776 |
| Total Expenses | 9,666,822 | - | 9,666,822 |
| CHANGE IN NET ASSETS | 34,113 | 2,153,986 | 2,188,099 |
| Net Assets - Beginning of Year | 525,449 | 2,505 | 527,954 |
| NET ASSETS - END OF YEAR | \$ 559,562 | \$ 2,156,491 | \$ 2,716,053 |

See accompanying Notes to Financial Statements.

**SPACE SCIENCE INSTITUTE
STATEMENT OF ACTIVITIES
YEAR ENDED DECEMBER 31, 2021**

| | Without Donor Restrictions | With Donor Restrictions | Total |
|---------------------------------------|-------------------------------|----------------------------|--------------|
| SUPPORT AND REVENUE | | | |
| Grant Income | \$ 7,508,250 | \$ - | \$ 7,508,250 |
| Contributions | 51,039 | - | 51,039 |
| Exhibit and Workshop Income | 35,825 | - | 35,825 |
| Interest Income | 66 | - | 66 |
| Net Assets Released from Restrictions | - | - | - |
| Total Support and Revenue | 7,595,180 | - | 7,595,180 |
| EXPENSES | | | |
| Science Research Programs | 4,283,081 | - | 4,283,081 |
| Science Education Programs | 1,494,733 | - | 1,494,733 |
| Management and General | 1,738,831 | - | 1,738,831 |
| Development | 4,659 | - | 4,659 |
| Total Expenses | 7,521,304 | - | 7,521,304 |
| CHANGE IN NET ASSETS | 73,876 | - | 73,876 |
| Net Assets - Beginning of Year | 451,573 | 2,505 | 454,078 |
| NET ASSETS - END OF YEAR | \$ 525,449 | \$ 2,505 | \$ 527,954 |

See accompanying Notes to Financial Statements.

**SPACE SCIENCE INSTITUTE
STATEMENT OF FUNCTIONAL EXPENSES
YEAR ENDED DECEMBER 31, 2022**

| | Program Services | | | Supporting Services | | | |
|--|---------------------------------|----------------------------------|------------------------------|---------------------------|-------------|---------------------------------|--------------|
| | Science Research Programs | Science Education Programs | Total Program Services | Management and General | Development | Total Supporting Services | Total |
| | Salaries, Professional | \$ 2,737,693 | \$ 86,935 | \$ 2,824,628 | \$ 494,349 | \$ 144 | \$ 494,493 |
| Salaries, Support | 212,886 | 503,924 | 716,810 | 614,489 | 1,660 | 616,149 | 1,332,959 |
| Staff Benefits | 656,214 | 211,486 | 867,700 | 225,210 | 298 | 225,508 | 1,093,208 |
| Pension Plan | 235,140 | 52,264 | 287,404 | 103,820 | 29 | 103,849 | 391,253 |
| Payroll Taxes | 225,225 | 46,471 | 271,696 | 93,900 | 148 | 94,048 | 365,744 |
| Total Salaries and Related Expenses | 4,067,158 | 901,080 | 4,968,238 | 1,531,768 | 2,279 | 1,534,047 | 6,502,285 |
| Bank Charges | - | - | - | 806 | - | 806 | 806 |
| Computing Expenses | 23,662 | 6,387 | 30,049 | 24,019 | - | 24,019 | 54,068 |
| Consultant Fees | - | 14,285 | 14,285 | - | - | - | 14,285 |
| Depreciation | 47,606 | - | 47,606 | 43,908 | - | 43,908 | 91,514 |
| Dues and Subscriptions | - | - | - | 3,750 | - | 3,750 | 3,750 |
| Duplication, Communication, and Reporting | 13,999 | 20,863 | 34,862 | 259 | 10 | 269 | 35,131 |
| Equipment | 79,631 | 3,843 | 83,474 | 166,967 | - | 166,967 | 250,441 |
| Equipment - Capitalized | (71,134) | (3,550) | (74,684) | - | - | - | (74,684) |
| Equipment rental - Leases | - | - | - | 3,338 | - | 3,338 | 3,338 |
| Insurance | - | - | - | 37,853 | - | 37,853 | 37,853 |
| Interest | - | - | - | 10,664 | 815 | 11,479 | 11,479 |
| Materials and Supplies | 882 | 46,812 | 47,694 | 18,765 | - | 18,765 | 66,459 |
| Meetings and Workshops Expense | - | - | - | 4,118 | - | 4,118 | 4,118 |
| Museum Exhibits - Fabrication | - | 44,388 | 44,388 | - | - | - | 44,388 |
| Museum Exhibits - Tour costs | - | 102,721 | 102,721 | - | - | - | 102,721 |
| Occupancy | - | - | - | 293,723 | - | 293,723 | 293,723 |
| Other Direct Costs | 5,560 | 199,410 | 204,970 | - | - | - | 204,970 |
| Participant support costs | - | 21,850 | 21,850 | - | - | - | 21,850 |
| Postage and Shipping | - | - | - | 1,765 | - | 1,765 | 1,765 |
| Professional Services | - | - | - | 43,657 | - | 43,657 | 43,657 |
| Publication | 48,627 | 280 | 48,907 | - | - | - | 48,907 |
| Recruitment | - | - | - | 19,239 | - | 19,239 | 19,239 |
| Repairs and Maintenance | 1,145 | - | 1,145 | 11,493 | - | 11,493 | 12,638 |
| Staff Development | - | - | - | 26,435 | - | 26,435 | 26,435 |
| Subcontracts - Education | - | 907,186 | 907,186 | - | - | - | 907,186 |
| Subcontracts - Education, Evaluation | - | 126,056 | 126,056 | - | - | - | 126,056 |
| Subcontracts - Research | 501,379 | - | 501,379 | - | - | - | 501,379 |
| Taxes and Licenses | - | - | - | 956 | 2,672 | 3,628 | 3,628 |
| Telecommunications | - | - | - | 20,176 | - | 20,176 | 20,176 |
| Travel | 163,561 | 90,093 | 253,654 | 33,607 | - | 33,607 | 287,261 |
| Subtotal | 814,918 | 1,580,624 | 2,395,542 | 765,498 | 3,497 | 768,995 | 3,164,537 |
| Total Expenses | \$ 4,882,076 | \$ 2,481,704 | \$ 7,363,780 | \$ 2,297,266 | \$ 5,776 | \$ 2,303,042 | \$ 9,666,822 |

See accompanying Notes to Financial Statements.

**SPACE SCIENCE INSTITUTE
STATEMENT OF FUNCTIONAL EXPENSES
YEAR ENDED DECEMBER 31, 2021**

| | Program Services | | | Supporting Services | | | |
|--|---------------------------------|----------------------------------|------------------------------|---------------------------|-------------|---------------------------------|--------------|
| | Science Research Programs | Science Education Programs | Total Program Services | Management and General | Development | Total Supporting Services | Total |
| | | | | | | | |
| Salaries, Professional | \$ 2,579,047 | \$ 206,665 | \$ 2,785,712 | \$ 245,691 | \$ 91 | \$ 245,782 | \$ 3,031,494 |
| Salaries, Support | 149,075 | 396,340 | 545,415 | 464,438 | 1,546 | 465,984 | 1,011,399 |
| Staff Benefits | 471,213 | 188,664 | 659,877 | 323,532 | 288 | 323,820 | 983,697 |
| Pension Plan | 215,206 | 52,018 | 267,224 | 106,488 | 164 | 106,652 | 373,876 |
| Payroll Taxes | 207,954 | 46,759 | 254,713 | 95,769 | 124 | 95,893 | 350,606 |
| Total Salaries and Related Expenses | 3,622,495 | 890,446 | 4,512,941 | 1,235,918 | 2,213 | 1,238,131 | 5,751,072 |
| Bank Charges | - | - | - | 809 | - | 809 | 809 |
| Computing Expenses | 26,065 | 8,959 | 35,024 | 23,911 | - | 23,911 | 58,935 |
| Consultant Fees | - | 15,875 | 15,875 | 40,036 | - | 40,036 | 55,911 |
| Depreciation | 18,671 | - | 18,671 | 39,498 | - | 39,498 | 58,169 |
| Dues and Subscriptions | - | - | - | 5,550 | - | 5,550 | 5,550 |
| Duplication, Communication, and Reporting | 6,551 | 18,662 | 25,213 | 324 | 10 | 334 | 25,547 |
| Equipment | 34,636 | 9,738 | 44,374 | (9,170) | - | (9,170) | 35,204 |
| Equipment - Capitalized | (22,892) | - | (22,892) | - | - | - | (22,892) |
| Equipment rental - Leases | - | - | - | 3,359 | - | 3,359 | 3,359 |
| Insurance | - | - | - | 29,105 | - | 29,105 | 29,105 |
| Interest | - | - | - | 15,328 | 100 | 15,428 | 15,428 |
| Materials and Supplies | 1,405 | 1,242 | 2,647 | 6,954 | - | 6,954 | 9,601 |
| Meetings and Workshops Expense | - | - | - | 2,910 | - | 2,910 | 2,910 |
| Museum Exhibits - Fabrication | - | 65,639 | 65,639 | - | - | - | 65,639 |
| Museum Exhibits - Tour costs | - | 33,952 | 33,952 | - | - | - | 33,952 |
| Occupancy | - | - | - | 255,798 | - | 255,798 | 255,798 |
| Other Direct Costs | 2,860 | - | 2,860 | - | - | - | 2,860 |
| Postage and Shipping | - | - | - | 1,502 | 27 | 1,529 | 1,529 |
| Professional Services | - | - | - | 39,596 | - | 39,596 | 39,596 |
| Publication | 23,150 | - | 23,150 | - | - | - | 23,150 |
| Recruitment | - | - | - | 7,947 | - | 7,947 | 7,947 |
| Repairs and Maintenance | 165 | - | 165 | 4,238 | - | 4,238 | 4,403 |
| Staff Development | - | - | - | 2,067 | - | 2,067 | 2,067 |
| Subcontracts - Education | - | 321,079 | 321,079 | - | - | - | 321,079 |
| Subcontracts - Education, Evaluation | - | 117,587 | 117,587 | - | - | - | 117,587 |
| Subcontracts - Research | 520,838 | - | 520,838 | - | - | - | 520,838 |
| Taxes and Licenses | - | - | - | 3,929 | 2,309 | 6,238 | 6,238 |
| Telecommunications | - | - | - | 24,124 | - | 24,124 | 24,124 |
| Travel | 49,137 | 11,554 | 60,691 | 5,098 | - | 5,098 | 65,789 |
| Subtotal | 660,586 | 604,287 | 1,264,873 | 502,913 | 2,446 | 505,359 | 1,770,232 |
| Total Expenses | \$ 4,283,081 | \$ 1,494,733 | \$ 5,777,814 | \$ 1,738,831 | \$ 4,659 | \$ 1,743,490 | \$ 7,521,304 |

See accompanying Notes to Financial Statements.

**SPACE SCIENCE INSTITUTE
STATEMENTS OF CASH FLOWS
YEARS ENDED DECEMBER 31, 2022 AND 2021**

| | 2022 | 2021 |
|--|--------------|-------------|
| CASH FLOWS FROM OPERATING ACTIVITIES | | |
| Change in Net Assets | \$ 2,188,099 | \$ 73,876 |
| Adjustments to Reconcile Change in Net Assets to Net Cash Provided (Used) by Operating Activities: | | |
| Depreciation | 91,514 | 58,169 |
| Amortization of Right-Of-Use Asset | 153,470 | - |
| Changes in Operating Assets: | | |
| Accounts Receivable | (416,962) | (95,577) |
| Prepaid Expenses and Deposits | (11,041) | 24,963 |
| Changes in Operating Liabilities: | | |
| Accounts Payable | 50,406 | (150,021) |
| Accrued Salary and Related Expenses | 234,665 | (65,879) |
| Unexpended Grant Revenues | (79,111) | (106,679) |
| Lease Liability | (146,113) | - |
| Net Cash Provided (Used) by Operating Activities | 2,064,927 | (261,148) |
| CASH FLOWS FROM INVESTING ACTIVITIES | | |
| Purchase of Equipment | (84,645) | (22,893) |
| CASH FLOWS FROM FINANCING ACTIVITIES | | |
| Proceeds from Line of Credit | 3,575,100 | 5,599,344 |
| Repayments of Line of Credit | (3,838,046) | (5,536,398) |
| Repayments of Note Payable | (16,809) | (15,485) |
| Net Cash Provided (Used) by Financing Activities | (279,755) | 47,461 |
| NET CHANGE IN CASH | 1,700,527 | (236,580) |
| Cash - Beginning of Year | 464,262 | 700,842 |
| CASH - END OF YEAR | \$ 2,164,789 | \$ 464,262 |
| SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION | | |
| Cash Paid During the Year for Interest | \$ 11,479 | \$ 15,428 |

See accompanying Notes to Financial Statements.

**SPACE SCIENCE INSTITUTE
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021**

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

This summary of significant accounting policies of Space Science Institute (the Institute) is presented to assist in understanding the Institute's financial statements. The financial statements and notes are representations of management, who is responsible for the integrity and objectivity of the financial statements. These accounting policies conform to accounting principles generally accepted in the United States of America (GAAP) and have been consistently applied in the preparation of the financial statements.

Nature of Operations

The Institute is organized as a Colorado nonprofit corporation for the purposes of exploring and researching the space and earth environment and providing related educational opportunities. The Institute is comprised of scientists and educators whose services include the accumulation and dissemination of space and earth science information to private, government and public sectors.

Basis of Presentation

The financial statements are prepared on the accrual basis of accounting and are in conformity with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC). Under the ASC, the Institute is required to report information regarding its financial position and activities according to two classes of net assets: net assets without donor restrictions and net assets with donor restrictions. In addition, the Institute is required to present a statement of functional expense and a statement of cash flows.

Use of Estimates

The preparation of the financial statements, in conformity with GAAP, requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses. Actual results could differ from these estimates. The Institute believes the techniques and assumptions used in establishing these estimates are appropriate.

Cash

For the purpose of reporting cash flows, cash includes cash on hand and cash in the bank. At times, the Institute's bank balances may be in excess of Federal Deposit Insurance Corporation limits.

Accounts Receivable

Accounts receivable consists of expenditures not yet reimbursed from grants and contracts due to timing. The Institute does not believe an allowance for uncollectible accounts is necessary.

Property and Equipment

Property and equipment purchased is recorded at cost or fair market value in the case of donated items. Expenditures for and contributions of equipment with a value greater than \$3,000 and a useful life greater than three years are capitalized. Equipment purchased with federal funds is considered restricted until 90 days after the expiration of the specific project for which they were obtained.

**SPACE SCIENCE INSTITUTE
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021**

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Property and Equipment (Continued)

Depreciation is computed using the straight-line method with estimated useful lives of three to seven years.

Management assesses the carrying value of long-lived assets for impairment when circumstances indicate such amounts may not be recoverable from future operations. Generally, assets to be held and used in operations are considered impaired if the sum of the expected undiscounted future cash flows is less than the carrying amount of the asset. If impairment is indicated, the loss is measured based on the amount by which the carrying value exceeds its fair market value. Management does not believe that any indicators of impairment existed; therefore, no impairment losses were incurred during the years ended December 31, 2022 and 2021.

Leases

The Institute leases office space. The Institute determines if an arrangement is a lease at inception. Operating leases are included in operating lease right-of-use (ROU) assets and operating lease liabilities on the statements of financial position.

ROU assets represent the Institute's right to use an underlying asset for the lease term and lease liabilities represent the Institute's obligation to make lease payments arising from the lease. ROU assets and liabilities are recognized at the lease commencement date based on the present value of lease payments over the lease term. As most of the leases do not provide an implicit rate, the Institute uses a risk-free discount rate based on the information available at commencement date in determining the present value of lease payments. The operating lease ROU asset also includes any lease payments made and excludes lease incentives. The lease terms may include options to extend or terminate the lease when it is reasonably certain that the Institute will exercise that option. Lease expense for lease payments is recognized on a straight-line basis over the lease term. The Institute has elected to recognize payments for short-term leases with a lease term of 12 months or less as expense as incurred and these leases are not included as lease liabilities or right of use assets on the statements of financial position.

The Institute's lease agreements do not contain any material residual value guarantees or material restrictive covenants.

In evaluating contracts to determine if they qualify as a lease, the Institute considers factors such as if the Institute has obtained substantially all of the rights to the underlying asset through exclusivity, if the Institute can direct the use of the asset by making decisions about how and for what purpose the asset will be used and if the lessor has substantive substitution rights. This evaluation may require significant judgement.

**SPACE SCIENCE INSTITUTE
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021**

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Leases (Continued)

The individual lease contracts do not provide information about the discount rate implicit in the lease. Therefore, the Institute has elected to use a risk-free discount rate determined using a period comparable with that of the lease term for computing the present value of lease liabilities.

Unexpended Grant Revenues

Amounts received from grants and contracts in excess of reimbursable costs incurred represent unexpended grant revenues. These amounts are dependent upon the timing of cash receipts and cash disbursements and vary from year to year.

Grants, Fixed Contracts and Contributions

In accordance with the ASC, grants and fixed contracts are accounted for either as exchange transactions or contributions based on the beneficiary of the agreement. Grants and fixed contracts received that benefit the funder are considered exchange transactions and revenue is recognized as performance obligations are satisfied in connection with the agreement.

Grants, fixed contracts and contributions received that benefit the general public are recorded as support with donor restrictions or without donor restrictions, depending on the existence and/or nature of any donor restrictions. Amounts are recognized at fair value when the donor or grantor makes a promise to give to the Institute that is, in substance, unconditional. Conditional promises to give—that is, those with a measurable performance or other barrier and a right of return or release—are recorded when the conditions upon which they depend have been met. Until that time, they are reported on the statements of financial position as unexpended revenue. For donor-restricted conditional contributions whose restrictions are met in the same period in which the corresponding revenue is recognized, the revenue is reported as support without donor restrictions. All other contribution revenue that is originally restricted by the donor and for which the restriction is met in the same period is recorded as purpose restricted revenue and then released from restriction.

The Institute received conditional grants, contracts and contributions approximating \$20.5 million and \$12.3 million, respectively, that have not been recognized in the accompanying statements of activities as of December 31, 2022 and 2021 because the conditions for revenue recognition have not been satisfied. Of the total conditional grants, contracts, and contributions, all amounts represent agreements that are conditioned upon the incursion of qualifying expenses under the award agreements.

Some grant agencies provide monies to the Institute on an advance basis. These monies are deposited into designated bank accounts, and revenue is recognized as funds are expended on the particular projects for which the funds are designated.

**SPACE SCIENCE INSTITUTE
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021**

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Exhibits

Exhibit income is derived from developing traveling exhibits and performing professional development workshops for educators, librarians, museum and science center staff and scientists. Any income earned while the project funding is still active is treated as program income as applicable. Disbursements for exhibits and all related expenses are expensed when incurred and are not capitalized. Expenditures of program income are made consistent with funding agency restrictions. Otherwise, the funds derived from the income are used consistent with the programmatic requirements for the Institute's nonprofit objectives.

In-Kind Donations

Donated goods and equipment are recorded at estimated fair market value as revenue and expenses or capitalized assets, depending on the nature of the donation. The contribution of services is recognized if the services received either create or enhance nonfinancial assets or require specialized skills that are provided by individuals possessing those skills and would typically need to be purchased if not provided by donation. During the years ended December 31, 2022 and 2021, the Institute did not receive any material in-kind donations.

Net Assets

Net assets, revenues and support are classified based on the existence or absence of donor- or grantor-imposed restrictions. Accordingly, net assets and changes therein are classified and reported as follows:

Net Assets Without Donor Restrictions – Net assets without donor restrictions are available for use in general operations and not subject to donor (or certain grantor) restrictions.

Net Assets With Donor Restrictions – Net assets with donor restrictions are subject to donor- or certain grantor-imposed restrictions. Contributions restricted by donors are reported as increases in net assets with donor restrictions, depending on the nature of the restrictions. When a restriction expires, net assets with donor restrictions are reclassified to net assets without donor restrictions and are reported in the statements of activities as net assets released from restrictions.

Expenses

Expenses are recognized in the period incurred. Costs paid in advance are deferred to the applicable period.

Reclassifications

Certain reclassifications of amounts previously reported have been made to the accompanying consolidated financial statements to maintain consistency between periods presented. The reclassifications had no impact on previously reported net assets.

**SPACE SCIENCE INSTITUTE
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021**

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Functional Allocation of Expenses

The costs of providing the various programs and supporting services have been summarized on a functional basis in the accompanying financial statements. Accordingly, certain costs have been allocated among the program and supporting services benefited. Supporting services costs include those expenses that are not directly identifiable with another specific function but provide for the overall support of the Institute. Expenses directly attributable to a specific functional area of the Institute are reported as expenses of those functional areas. Certain other costs that benefit multiple functional areas have been allocated across program and supporting services as determined by management on an equitable basis based on time and effort recorded to various programs and tasks, and a federally approved indirect cost rate as further discussed in Note 6.

Income Taxes

The Institute is exempt from federal income taxes under Section 501(c)(3) of the Internal Revenue Code. The Institute qualifies for the charitable contribution deduction under Section 170(b)(1)(A)(vi) and has been classified as a nonprofit other than a private foundation under Section 509(a)(1). However, income from activities not directly related to the Institute's tax-exempt purpose is subject to taxation as unrelated business income. The Institute had no unrelated business income during the years ended December 31, 2022 and 2021.

The Institute believes that it has conducted its operations in accordance with, and has properly maintained, its tax-exempt status and that it has taken no materially uncertain tax positions that qualify for recognition or disclosure in the financial statements.

Subsequent Events

The Institute has evaluated all subsequent events through May 10, 2023, which is the date the financial statements were available for issuance, and has determined there are no events requiring disclosure.

Adoption of New Accounting Standards

In February 2016, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2016-02, *Leases (ASC 842)*. The new standard increases transparency and comparability among organizations by requiring the recognition of right-of-use (ROU) assets and lease liabilities on the statements of financial position. Most prominent of the changes in the standard is the recognition of ROU assets and lease liabilities by lessees for those leases classified as operating leases. Under the standard, disclosures are required to meet the objective of enabling users of financial statements to assess the amount, timing, and uncertainty of cash flows arising from leases.

The Institute adopted the requirements of the guidance effective January 1, 2022 and has elected to apply the provisions of this standard to the beginning of the period of adoption, through a cumulative effect adjustment, with certain practical expedients available. Lease disclosures for the year ended December 31, 2021 are made under prior lease guidance in FASB ASC 840.

**SPACE SCIENCE INSTITUTE
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021**

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Adoption of New Accounting Standards (Continued)

As described below, the Institute has elected to adopt the package of practical expedients available in the year of adoption as it relates to its office building lease described in Note 3. The Institute has elected to adopt the available practical expedient to use hindsight in determining the lease term and in assessing impairment of the Institute's ROU assets.

The Institute elected the available practical expedients to account for existing capital leases and operating leases as finance leases and operating leases, respectively, under the new guidance, without reassessing (a) whether the contracts contain leases under the new standard, (b) whether classification of capital leases or operating leases would be different in accordance with the new guidance, or (c) whether the unamortized initial direct costs before transition adjustments would have met the definition of initial direct costs in the new guidance at lease commencement.

On January 1, 2022, the entity had one existing lease for an office building with a remaining term of 55 months. As such, the Institute determined that this lease was to be recorded within ASC 842 and is reflected as an operating right to use asset and operating lease liability within the statements of financial position.

The standard had a material impact on the statement of financial position but did not have an impact on the statements of activities, nor statements of cash flows. The most significant impact was the recognition of a ROU asset and a lease liability for an operating lease, while the Institute's accounting for finance leases remained substantially unchanged. As such, there was no cumulative effect adjustment as the implementation of ASC 842 did not have a material impact on the financial statements.

NOTE 2 LINE OF CREDIT AND NOTE PAYABLE

Line Of Credit

As of December 31, 2022, the Institute has an agreement with its primary banking institution for a \$1,000,000 revolving line of credit at the Bank Index (7.50% at December 31, 2022) plus 1.00%, resulting in a rate of 8.5%. Substantially all of the Institute's business assets serve as security for this line of credit. The line of credit expires on November 30, 2023.

As of December 31, 2021, the Institute had a \$1,000,000 revolving line of credit at the Bank Index (3.35% at December 31, 2021) plus 1.00%, resulting in a rate of 4.35%. Substantially all of the Institute's business assets serve as security for this line of credit. This line of credit expired on November 30, 2022, and was renewed as described above.

The outstanding balance on the line of credit as of December 31, 2022 and 2021 was \$100,000 and \$362,946, respectively.

**SPACE SCIENCE INSTITUTE
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021**

NOTE 2 LINE OF CREDIT AND NOTE PAYABLE (CONTINUED)

Note Payable

The Institute executed a note payable for \$119,277 with its lessor to fund tenant improvement costs incurred 2019 in connection with a lease agreement executed in December 2018 (see Note 3 and Note 4). The terms of the note require monthly payments of \$1,834 beginning on October 1, 2019 through July 1, 2026. The note bears interest at a rate of 7.00%. The outstanding balance as of December 31, 2022 and 2021 was \$69,107 and \$85,916, respectively.

NOTE 3 LEASES – ASC 842

The Institute leases office space under a long-term, noncancelable lease agreement that expires in August 2026 and provides two renewal options. In the normal course of business, it is expected that this lease will be renewed or replaced by a similar lease. The lease provides for escalating monthly payments. Additionally, the agreement requires the Organization to pay real estate taxes, insurance, repairs and certain operating expenses.

The following table provides quantitative information concerning the Institute's lease.

| | <u>2022</u> |
|---|-------------------|
| Lease Costs (Included in Rent Expense) | |
| Operating Lease Costs | \$ 162,447 |
| Short-term Lease Costs | 131,276 |
| Total Lease Costs | <u>\$ 293,723</u> |
| Other Information: | |
| Operating Cash Flows from Operating Leases | \$ 155,091 |
| Right-of-Use Assets Obtained in Exchange for New Operating Lease Liabilities | 734,436 |
| Weighted-Average Remaining Lease Term - Operating Leases | 3.6 Years |
| Weighted-Average Discount Rate - Operating Leases | 1.37% |

The Institute classifies the total undiscounted lease payments that are due in the next 12 months as current. A maturity analysis of annual undiscounted cash flows for lease liabilities as of December 31, 2022, is as follows:

| <u>Year Ending December 31,</u> | <u>Amount</u> |
|------------------------------------|-------------------|
| 2023 | \$ 159,752 |
| 2024 | 164,550 |
| 2025 | 169,499 |
| 2026 | 109,194 |
| Total Lease Payments | <u>602,995</u> |
| Less: Interest | (14,672) |
| Present Value of Lease Liabilities | <u>\$ 588,323</u> |

**SPACE SCIENCE INSTITUTE
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021**

NOTE 4 LEASES – ASC 840

The Institute elected to apply the provisions of FASB ASC 842 to the beginning of the period of adoption, through a cumulative effect adjustment, with certain practical expedients available. Lease disclosures for the year ended December 31, 2021 are made under prior lease guidance in FASB ASC 840.

The Institute leases office space under two lease agreements that expire in August 2022 and August 2026. The leases provide for escalating monthly payments. During the year ended December 31, 2021, the Institute incurred fixed lease expense of \$163,028 under lease agreements. In addition, during the year ended December 31, 2021, the Institute incurred variable lease costs for utilities, common area maintenance and real estate taxes of \$92,770 under these lease agreements.

The Institute also leases equipment under operating lease agreements. The leases expired in 2017 and 2018 and continued month-to-month or quarter-to-quarter thereafter. In reporting lease expense, the Institute also includes the cost of support agreements for certain leased equipment. During the year ended December 31, 2021, the Institute incurred lease expenses of \$3,389 under these agreements.

Future minimum lease payments for all operating leases through maturity are as follows:

| <u>Year Ending December 31,</u> | <u>Amount</u> |
|---------------------------------|-------------------|
| 2022 | \$ 163,028 |
| 2023 | 159,752 |
| 2024 | 164,550 |
| 2025 | 169,499 |
| 2026 | 106,194 |
| Total | <u>\$ 763,023</u> |

NOTE 5 DEFINED CONTRIBUTION RETIREMENT PLAN

The Institute maintains a Defined Contribution Retirement Plan covering all employees following the first anniversary of employment. Past service with similar institutes allows new hires to qualify immediately for enrollment. The Institute makes a contribution to the plan equal to 10% of eligible participants' compensation for those participants making the required participant plan contribution. The required participant plan contribution for eligible participants is equal to 5% of their compensation. In addition, eligible employees are allowed to make contributions above the 5% level, up to the annual Internal Revenue Service limits, that are not matched by the Institute. Total expense for the years ended December 31, 2022 and 2021 was \$391,253 and \$373,876, respectively.

**SPACE SCIENCE INSTITUTE
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021**

NOTE 6 INDIRECT COST RATE

In 2022, indirect costs were determined by a provisional on-site rate of 44.96% and an off-site rate of 32.93%. In 2021, 2020, and 2019, indirect costs were determined by a predetermined on-site rate of 43.75% and an off-site rate of 30.15%. In 2018, indirect costs were determined by a final on-site rate of 43.72% and an off-site rate of 29.61%. These rates were negotiated between the Institute and its federal cognizant agency. Indirect costs are allocated based on total direct costs, exclusive of capital equipment purchases, participant support, tuition, alteration, renovation costs and expenditures on each subcontract in excess of \$25,000. Fringe benefits are treated as direct costs and included in the base. The indirect cost recovery from grant sources during the years ended December 31, 2022 and 2021 was \$1,838,836 and \$1,599,450, respectively.

NOTE 7 CONCENTRATIONS

Support and Revenue

During the years ended December 31, 2022 and 2021, revenue derived from federal awards was 64% and 93%, respectively.

NOTE 8 AVAILABILITY AND LIQUIDITY

The Institute strives to maintain liquid financial assets sufficient to cover one year of general expenditures. The following table reflects the Institute's financial assets as of December 31 reduced by amounts that are not available to meet general expenditures within one year of the statements of financial position date because of contractual restrictions. Amounts not available to meet general expenditures within one year may also include net assets with donor restrictions.

| | <u>2022</u> | <u>2021</u> |
|---|---------------------|---------------------|
| Financial Assets at Year-End: | | |
| Cash and Cash Equivalents | \$ 2,164,789 | \$ 464,262 |
| Accounts Receivable, Grants, and Contracts | <u>1,331,344</u> | <u>914,382</u> |
| Total Financial Assets | 3,496,133 | 1,378,644 |
| Less Amounts not Available to be Used within One Year: | | |
| Net Assets with Donor Restrictions | <u>(2,156,491)</u> | <u>(2,505)</u> |
| Financial Assets Available to Meet General Expenditures Over the Next 12 Months | <u>\$ 1,339,642</u> | <u>\$ 1,376,139</u> |

In addition, the Institute has a \$1,000,000 line of credit available from December 1, 2021 through November 30, 2023 to meet cash flow needs. As of December 31, 2022 and 2021, there is \$900,000 and \$637,054, respectively, available under the line of credit.

**SPACE SCIENCE INSTITUTE
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2022 AND 2021**

NOTE 9 NET ASSETS WITH DONOR RESTRICTIONS

The Institute's net assets with donor restrictions consisted of the following as of December 31:

| | <u>2022</u> | <u>2021</u> |
|--|---------------------|-----------------|
| Subject to Expenditure for Specified Purpose or Future Period: | | |
| Library Eclipse Planning | \$ 2,152,050 | \$ - |
| Science Enhancement Fund | 1,761 | 1,761 |
| Education and Public Outreach | 2,680 | 744 |
| Total Net Assets with Donor Restrictions | <u>\$ 2,156,491</u> | <u>\$ 2,505</u> |

Net assets totaling \$1,357,617 in 2022 and \$-0- in 2021 were released from restrictions as a result of the Institute incurring expenditures satisfying the related restricted purposes.

NOTE 10 RELATED PARTY TRANSACTIONS

For the years ended December 31, 2022 and 2021, the Institute received contributions without donor restrictions from employees and board members of \$22,925 and \$50,331, respectively. As of December 31, 2022 and 2021, \$4,441 and \$2,505 respectively remained in net assets with donor restrictions relating to related party contributions with donor restrictions received by the Institute in previous periods.



CLA (CliftonLarsonAllen LLP) is a network member of CLA Global. See CLAGlobal.com/disclaimer. Investment advisory services are offered through CliftonLarsonAllen Wealth Advisors, LLC, an SEC-registered investment advisor.

**SPACE SCIENCE INSTITUTE
SINGLE AUDIT REPORT
YEAR ENDED DECEMBER 31, 2022**



CPAs | CONSULTANTS | WEALTH ADVISORS

[CLAconnect.com](https://www.CLAconnect.com)

**SPACE SCIENCE INSTITUTE
TABLE OF CONTENTS
YEAR ENDED DECEMBER 31, 2022**

| | |
|--|-----------|
| INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH <i>GOVERNMENT AUDITING STANDARDS</i> | 1 |
| INDEPENDENT AUDITORS' REPORT ON COMPLIANCE FOR EACH MAJOR FEDERAL PROGRAM, REPORT ON INTERNAL CONTROL OVER COMPLIANCE, AND REPORT ON THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS REQUIRED BY THE UNIFORM GUIDANCE | 3 |
| SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS | 6 |
| NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS | 15 |
| SCHEDULE OF FINDINGS AND QUESTIONED COSTS | 16 |
| SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS | 18 |



**INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN
ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

Board of Directors
Space Science Institute
Boulder, Colorado

We have audited, in accordance with the 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 financial statements of Space Science Institute (a nonprofit organization), which comprise the statement of financial position as of December 31, 2022, and the related statements of activities, functional expenses, and cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated May 10, 2023.

Report on Internal Control Over Financial Reporting

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

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

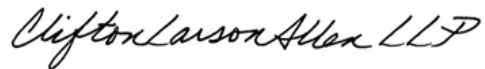
Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not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

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether Space Science Institute's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

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



CliftonLarsonAllen LLP

Denver, Colorado
May 10, 2023



**INDEPENDENT AUDITORS' REPORT ON COMPLIANCE FOR EACH MAJOR
FEDERAL PROGRAM, REPORT ON INTERNAL CONTROL OVER COMPLIANCE, AND
REPORT ON THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
REQUIRED BY THE UNIFORM GUIDANCE**

Board of Directors
Space Science Institute
Boulder, Colorado

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Space Science Institute's 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 Space Science Institute's major federal programs for the year ended December 31, 2022. Space Science Institute's major federal programs are identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs.

In our opinion, Space Science Institute complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended December 31, 2022.

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

Responsibilities of Management for Compliance

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

Auditors' Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on Space Science Institute's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with 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 Space Science Institute's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with 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 Space Science Institute's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- obtain an understanding of Space Science Institute's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of Space Science Institute's internal control over compliance. Accordingly, no such opinion is expressed.

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

Report on Internal Control Over Compliance

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or a 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.

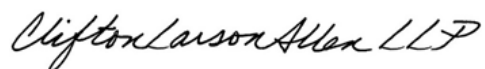
Our consideration of internal control over compliance was for the limited purpose described in the *Auditors' Responsibilities for the Audit of Compliance* section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant 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.

Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

We have audited the financial statements of Space Science Institute as of and for the year ended December 31, 2022, and have issued our report thereon dated May 10, 2023, which contained an unmodified opinion on those financial statements. Our audit was performed for the purpose of forming an opinion on the financial statements as a whole. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the 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 financial statements as a whole.



CliftonLarsonAllen LLP

Denver, Colorado
May 10, 2023

**SPACE SCIENCE INSTITUTE
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED DECEMBER 31, 2022**

| Federal Grantor/Pass through Grantor/ Program or Cluster Title | Federal AL Number | Pass-Through Entity Identifying Number | Passed Through to Subrecipients | Federal Expenditures |
|--|-------------------------|--|---------------------------------------|-------------------------|
| Research and Development Awards | | | | |
| NASA | | | | |
| Direct | | | | |
| NASA@ My Library: A National Earth and Space Science Initiative that Connects NASA, Public Libraries, and their Communities | 43.001 | - | \$ 156,460 | \$ 887,422 |
| The Magnetosphere- Ionosphere Observatory | 43.001 | - | 225,968 | 382,933 |
| The Heliospheric Current- Sheet Network and the Cellularization of the Solar Wind | 43.001 | - | - | 169,835 |
| Coupled Tropospheric-Stratospheric Seasonal Photochemical Model for Saturn | 43.001 | - | - | 168,812 |
| Spectral Synthesis for Large-Scale Stellar Surveys, Asteroseismology and Galactic Archaeology | 43.001 | - | - | 147,457 |
| Unsolicited, Bridging MHD and Kinetic Scales with HYPERS at the CCMC Year 2 Supplement | 43.001 | - | - | 143,551 |
| Properties and Dynamics of ULF Waves in the Ion Foreshock | 43.001 | - | - | 141,900 |
| Improved Climatology of Lower and Middle Atmospheric Gravity Wave Activity at Mars | 43.001 | - | 41,870 | 139,465 |
| Measuring Atmospheric Processes and Surface-Atmosphere Interactions with SuperCam | 43.001 | - | - | 117,787 |
| Are Space Weather Significant ULF TEC Perturbations Routinely Driven by Magnetospheric Waves? | 43.001 | - | 23,266 | 104,841 |
| Coordinated Investigation of the Link Between ULF Waves and Geoelectric Fields that Drive Geomagnetically Induced Currents | 43.001 | - | 50,247 | 98,010 |
| Modeling Magnetic Reconnection and Particle Acceleration in the Magnetotail and at the Magnetopause | 43.001 | - | - | 96,199 |
| Observational Studies of Venus Photochemistry and Atmospheric Dynamics | 43.001 | - | - | 95,065 |
| Reconnection Outflows: Role of Instabilities in Producing Turbulence and Particle Energization in the Magnetosphere | 43.001 | - | 19,076 | 90,094 |
| Laboratory Experiments to Evaluate the Role of Shear Alfvén wave Parametric Instabilities in the Origin and Evolution of the Solar Wind | 43.001 | - | - | 82,925 |
| Influence of High Frequency Waves and Instabilities on the Structure and Energy Partition of Collisionless Shocks | 43.001 | - | - | 80,090 |
| Steady Electron Runaway Model: SERM | 43.001 | - | - | 77,238 |
| Organic Refractory Tholin at the Surface of the Comet 67P-CG: Insight from Laboratory Measurements and ROSINA data | 43.001 | - | - | 72,644 |

See Notes to Schedule of Expenditures of Federal Awards.

**SPACE SCIENCE INSTITUTE
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED DECEMBER 31, 2022**

| Federal Grantor/Pass through Grantor/ Program or Cluster Title | Federal AL Number | Pass-Through Entity Identifying Number | Passed Through to Subrecipients | Federal Expenditures |
|--|-------------------------|--|---------------------------------------|-------------------------|
| Research and Development Awards (Continued) | | | | |
| NASA (Continued) | | | | |
| Direct (Continued) | | | | |
| The Mineral stratigraphy of Noachis Terra: Towards Unraveling the Timing and Conditions of Aqueous Alteration in the Southern Highlands | 43.001 | - | \$ - | \$ 68,930 |
| Pyroclastic Mantles Associated with Lunar Domes and Other Volcanic Features | 43.001 | - | - | 66,700 |
| The Atmospheric Dust Load and the Dust Cycle at the InSight Landing Site | 43.001 | - | - | 66,382 |
| Chemistry and dynamics in Venus' Lower Atmosphere and Cloud Layers in the Context of the Global Sulfur Cycle | 43.001 | - | 41,818 | 65,029 |
| Polarized Light Scattering From Lunar Regolith Simulants in Support of PolCam | 43.001 | - | - | 62,746 |
| Photochemistry Resulting from a Large Cometary Impact on Neptune | 43.001 | - | - | 57,799 |
| Using KPLO PolCam Multispectral Polarimetric Data to Distinguish and Characterize Known and Suspected Lunar Pyroclastic Deposits | 43.001 | - | - | 52,665 |
| Laboratory Investigation of the Role of Energetic Electron Beams in Wave Generation in the Solar Corona and in the Heliosphere | 43.001 | - | 39,593 | 50,015 |
| Rocks and Roughness: Accounting for Anisothermality on Benu in OSIRIS-REx Spectral Datasets | 43.001 | - | 43,819 | 49,208 |
| Characterizing the Earth's Radiation Environment: A Flux Model of the Inner Magnetosphere | 43.001 | - | 15,723 | 46,391 |
| Examining Alteration Environments of Granular Basaltic Materials Using Combined Results from APXS, ChemCam, and MastCam Compared Against Terrestrial Analog Datasets | 43.001 | - | - | 40,735 |
| Heliophysics Audified: Resonances in Plasmas | 43.001 | - | - | 39,314 |
| The Chemistry of Sulfur and Phosphorus Species in Exoplanet Atmospheres | 43.001 | - | - | 36,581 |
| MERIT Instrument for Lunar Gateway | 43.001 | - | - | 34,665 |
| Non-LTE 3D Spectral Synthesis for Large Scale Stellar Surveys, Asteroseismology and Galactic Archaeology | 43.001 | - | - | 24,921 |
| Gravity, Rotation, Ages, and Magnetism of Solar-like Stars and Red Giants Observed by Kepler and K2 | 43.001 | - | - | 15,619 |
| Vertical Distribution of Water Vapor in the Martian Atmosphere | 43.001 | - | - | 12,386 |
| Understanding Wind Variability in Hot Stars and its Implications | 43.001 | - | - | 12,139 |
| Examination of Potentially Hydrated Lunar Volcanic Terrains Using Orbital Imaging Spectrometer Data | 43.001 | - | - | 11,381 |
| Extreme AO Imaging and Integral Field Spectroscopy of Young Planet-Forming Disks | 43.001 | - | - | 10,477 |

See Notes to Schedule of Expenditures of Federal Awards.

**SPACE SCIENCE INSTITUTE
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED DECEMBER 31, 2022**

| Federal Grantor/Pass through Grantor/ Program or Cluster Title | Federal AL Number | Pass-Through Entity Identifying Number | Passed Through to Subrecipients | Federal Expenditures |
|---|-------------------------|--|---------------------------------------|-------------------------|
| Research and Development Awards (Continued) | | | | |
| NASA (Continued) | | | | |
| Direct (Continued) | | | | |
| Characterizing MHD Fast Mode Waves Outside the Plasmasphere | 43.001 | - | \$ - | \$ 7,645 |
| Carbon, Oxygen, and Sulfur Chemistry on Venus in Three Dimensions: Time, Altitude, and Latitude | 43.001 | - | - | 5,538 |
| Bridging MHD and Kinetic Scales with HYPERS at the CCMC | 43.001 | - | - | 4,909 |
| Laboratory Simulation of the Composition of Titan's Lakes in Equilibrium with the Atmosphere | 43.001 | - | - | 3,344 |
| Mars Exploration Rovers Portal to Observations, Resources, and Tools to Advance Legacy Science (MER PORTAL) | 43.001 | - | - | 1,820 |
| Accessing the Full Potential of Asteroseismology with Kepler, K2 and TESS: Reconciling Modeling Conflicts Between Classic and Seismic Observables | 43.001 | - | - | 1,422 |
| Simulating the Spatial Distributions of Carbon Monoxide and Oxygen to Better Understand the Chemical Stability of Venus' Atmosphere | 43.001 | - | - | 108 |
| Analyzing the Plasmas Upstream and Downstream of Interplanetary Shocks: Turbulence and Compressed | 43.001 | - | - | 5 |
| Passed through Astronomical Society of the Pacific | | | | |
| Eclipse Ambassadors Prepare Communities Off the Path for Two Solar Eclipses | 43.001 | 2022-02-80-SS | - | 2,174 |
| Passed through Boston University | | | | |
| Ionospheric Chemistry and Structure of the Giant Planets | 43.001 | 4500003114 | - | 1,242 |
| Passed through Jet Propulsion Laboratory | | | | |
| MEDA: Mars Environmental Dynamics Analyzer 2020 | 43.001 | 1607215 | - | 136,893 |
| Mars 2020 Rover PIXL Investigation | 43.001 | 1516947 | - | 131,861 |
| Data Analysis and Modeling of the Cassini VIMS Thermal Emission Spectra of Active Fissures at the South Pole of Enceladus | 43.001 | 1637885 | - | 91,245 |
| Ozone/Aerosol Ultraviolet Studies in Support of NOMAD Observations | 43.001 | 1551112 | - | 68,103 |
| Explore Exoplanets: The search for Alien Earths Extension | 43.001 | 1670272 | - | 66,684 |
| Laboratory Testing of the Photochemical Origin of New Sulfurous Species Detected by ROSINA | 43.001 | 1641452 | - | 55,074 |
| Effects of Global Dust Storms on Water Vapor In the Martian South Polar Region | 43.001 | 1670135 | - | 36,893 |
| Thermo-Mechanical Properties of 67P and Their Evolution | 43.001 | 1638195 | - | 31,230 |

See Notes to Schedule of Expenditures of Federal Awards.

**SPACE SCIENCE INSTITUTE
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED DECEMBER 31, 2022**

| Federal Grantor/Pass through Grantor/ Program or Cluster Title | Federal AL Number | Pass-Through Entity Identifying Number | Passed Through to Subrecipients | Federal Expenditures |
|---|-------------------------|--|---------------------------------------|-------------------------|
| Research and Development Awards (Continued) | | | | |
| NASA (Continued) | | | | |
| Passed Through (Continued) | | | | |
| Passed through Jet Propulsion Laboratory (Continued) | | | | |
| Quantification of non-ice constituents on Ocean Worlds using Raman Spectroscopy | 43.001 | 1673097 | \$ - | \$ 28,978 |
| Cosmic Origins of Earth's Oceans | 43.001 | 1687872 | - | 14,605 |
| ChemCam for MSL | 43.001 | 1356597 | - | 8,000 |
| Discover Exoplanets 2022-2025 | 43.001 | RSA 1687293 | - | 90 |
| Passed through Malin Space Science Systems | | | | |
| Mastcam, MAHLI, MARDI | 43.001 | 18-1187 | - | 59,132 |
| Passed through Northern Arizona University | | | | |
| Testing the Limits of Spectral Mixture Modeling in the Thermal Infrared: Insights from Radiative Transfer Modeling and Laboratory Spectral Analysis | 43.001 | 1003994-02 | - | 39,722 |
| Passed through PSI | | | | |
| TREX: Toolbox for Research and Exploration | 43.001 | 1523-SSI | - | 28,019 |
| Passed through Purdue University | | | | |
| Constraining the Nature of Noachian Surface Environments and Climates Using Clay Stratigraphies | 43.001 | 12000420-035 | - | 16,977 |
| Passed through Southwest Research Institute | | | | |
| Preparing Citizen CATE for the 2024 Total Solar Eclipse | 43.001 | P99072JA | - | 19,934 |
| Passed through Space Telescope Science Institute | | | | |
| The HST Follows Galactic Influencers: a COS UV Survey of the Most Massive O-stars in the SMC | 43.001 | HST-GO-15837.002-A | - | 22,510 |
| Origin of the High Velocity Gas in NGC 6231 | 43.001 | HST-GO-15206.001-A | - | 19,766 |
| An NUV SNAP Program to Supplement and Enhance the Value of the ULLYSES OB Star Legacy Data | 43.001 | HST-GO-16230.001-A | - | 18,359 |
| What is on the Black Hole Menu? Joint HST/COS and XMM/EPIC Spectroscopy of the X-ray Binary M33 X-7 | 43.001 | HST-GO-15636.002-A | - | 17,679 |

See Notes to Schedule of Expenditures of Federal Awards.

**SPACE SCIENCE INSTITUTE
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED DECEMBER 31, 2022**

| Federal Grantor/Pass through Grantor/ Program or Cluster Title | Federal AL Number | Pass-Through Entity Identifying Number | Passed Through to Subrecipients | Federal Expenditures |
|---|-------------------------|--|---------------------------------------|-------------------------|
| Research and Development Awards (Continued) | | | | |
| NASA (Continued) | | | | |
| Passed Through (Continued) | | | | |
| Passed through Space Telescope Science Institute (Continued) | | | | |
| The Transitioning Exoplanet Community Early Release Science Program | 43.001 | JWST-ERS-01366.007- A | \$ - | \$ 11,089 |
| A deep Molecular Survey of HD 189733b | 43.001 | JWST-GO-01633.004-A | - | 5,797 |
| Linking the Jet, Inner Disk, and Outer Disk of HD 163296 | 43.001 | HST-GO-15437.003-A | - | 2,120 |
| Tight Surveillance of the Exemplary O Star Zeta Ophiuchi with XMM-Newton and HST | 43.001 | HST-GO-16060.003-A | - | 1,184 |
| The First Near-Infrared Reflectance Spectrum of an Exoplanet | 43.001 | HST-GO-15131.004-A | - | 527 |
| Passed through Twin Cities Public Television | | | | |
| NASA Women Inspire Girls to NASA Careers: The Power of Networks to Advance Equity | 43.001 | 21767-3908 | - | 1,394 |
| Passed through Universities Space Research Association | | | | |
| SOFIA Data Processing and Calibration | 43.001 | 08700-05 | - | 279,920 |
| 2017 SOFIA Research Grant | 43.001 | SOF 05-0138 | - | 34,723 |
| The Magnetic Keys to Star Formation | 43.001 | SOF 09-0048 | - | 32,410 |
| NNA17BF53C Cycle 9 GO Proposal for the Stratospheric Observatory for Infrared Astronomy (SOFIA) Project | 43.001 | SOF 09-0006 | - | 25,524 |
| SOFIA GO Program 75_0056: Investigating the Shocks and Outflows in HOPS 361 | 43.001 | SOFIA Grant 75_0056 | - | 13,221 |
| Studying the Silicate Dust Evolution in the Symbiotic Mira: R Aquarii | 43.001 | SOF 07-0097 | - | 11,480 |
| Short-and-long-term Variability in Pre-transitional Disks Around High-mass Pre-main Sequence Stars | 43.001 | SOF 08-0158 | - | 3,329 |
| Studying the Silicate Dust Evolution in the Symbiotic Mira; R Aquarii | 43.001 | SOF 06-0005 | - | 1,922 |
| Studying the Silicate Dust Evolution in the Symbiotic Mira, R Aquarii | 43.001 | SOF 08-0122 | - | 1,374 |
| Passed through University Corporation for Atmospheric Research | | | | |
| Coronal Holes as the Source of Slow and High Speed Solar Wind | 43.001 | SUBAWD001500 | - | 23,345 |
| Passed through University of Alabama | | | | |
| Rose 2017: Pickup Ions in the Outer Heliosphere and Beyond | 43.001 | 2019-022 | - | 11,530 |
| The Origin and Evolution of Kinetic Turbulence and Non-thermal Electrons in the Solar Wind | 43.001 | 2021-1292 | - | 3,766 |

See Notes to Schedule of Expenditures of Federal Awards.

**SPACE SCIENCE INSTITUTE
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED DECEMBER 31, 2022**

| Federal Grantor/Pass through Grantor/ Program or Cluster Title | Federal AL Number | Pass-Through Entity Identifying Number | Passed Through to Subrecipients | Federal Expenditures |
|--|-------------------------|--|---------------------------------------|-------------------------|
| Research and Development Awards (Continued) | | | | |
| NASA (Continued) | | | | |
| Passed Through (Continued) | | | | |
| Passed through University of Arizona | | | | |
| Saturn's Upper Atmosphere Revealed by New Cassini/UVIS Occultations | 43.001 | 531781 | \$ - | \$ 54,187 |
| Passed through University of California, Berkeley | | | | |
| Tracing Turbulent Energy From Fluid To Electron Kinetic Scales Using High-resolution THEMIS Data And Kinetic Simulations | 43.001 | Sub Award 00010872 | - | 14,421 |
| Passed through University of California, Los Angeles | | | | |
| Continued Interpretation of Akatsuki Observations with a State-of-the-Art Venus General Circulation Model | 43.001 | 2090 G ZA571 | - | 50,895 |
| Kinetic Modeling of the Impact of Solar Wind Structure on the Dayside Magnetosphere | 43.001 | 1000 G XD293 | - | 20,003 |
| Global Evolution and Local Dynamics of the Kinetic Solar wind | 43.001 | 2090 G YA370 | - | 16,639 |
| Kinetic Processes and Multiscale Structures in the Dayside Magnetopause Boundary Layers | 43.001 | 1000 G XD293 | - | 43 |
| Passed through University of Colorado | | | | |
| Identification, Classification, and Implications of Compound Particle Distributions Observed Near Magnetospheric Reconnection | 43.001 | 1561444 | - | 75,704 |
| Magnetic Flux Rope Dynamics at Solar Wind Reconnection Exhausts | 43.001 | 1557975 | - | 25,916 |
| Passed through University of Iowa | | | | |
| A New Theoretical and Experimental Framework for Solar Wind Electrons and Non-Perturbative Fluid Heat Closure | 43.001 | S01118-01 | - | 15,928 |
| Passed through University of Iowa | | | | |
| Modeling Light Scattering by Particulate Surfaces to Study Composition and Surface Structure of Solar System Bodies Using Their Spectra and Photometry | 43.001 | 56091-Z6056201 | - | 6,294 |
| Passed through University of New Hampshire | | | | |
| The role of O+ on Reconnection Onset in the Earth's Magnetotail | 43.001 | L0113 | - | 35,884 |

See Notes to Schedule of Expenditures of Federal Awards.

**SPACE SCIENCE INSTITUTE
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED DECEMBER 31, 2022**

| Federal Grantor/Pass through Grantor/ Program or Cluster Title | Federal AL Number | Pass-Through Entity Identifying Number | Passed Through to Subrecipients | Federal Expenditures |
|--|-------------------------|--|---------------------------------------|-------------------------|
| Research and Development Awards (Continued) | | | | |
| NASA (Continued) | | | | |
| Passed Through (Continued) | | | | |
| Passed through Virginia Polytechnic Institute and State University | | | | |
| Energy Budget of ULF waves in the Solar Wind-Magnetosphere-Ionosphere System | 43.001 | 426734-19F15 | \$ - | \$ 22,786 |
| Subtotal Assistance Listing (AL) #43.001 | | | 657,840 | 5,663,667 |
| Direct | | | | |
| From Our Town to the Moon, Mars, and Beyond | 43.008 | L0113 | - | 441,718 |
| Subtotal Assistance Listing (AL) #43.008 | | | - | 441,718 |
| Passed through Arizona State University | | | | |
| Mastcam-Z: A Geologic, Stereoscopic, and Multispectral Investigation for the NASA Mars 2020 Rover Mission | 43.000 | 15-712 | - | 223,381 |
| Passed through Universities Space Research Association | | | | |
| Monitoring the Eclipse and Periastron Passage of the Symbiotic Mira, R Aqr | 43.000 | SOF 09-0077 | - | 7,739 |
| Subtotal Assistance Listing (AL) #43.000 | | | - | 231,120 |
| Total National Aeronautics and Space Administration (NASA) | | | 657,840 | 6,336,505 |
| National Science Foundation | | | | |
| Direct | | | | |
| NSF-BSF: Collaborative Research: Rankine-Huguenot Conditions Relating the Gyrotropic Regions of Collisionless Shocks in Non-Thermal Plasma | 47.049 | - | - | 42,048 |
| Collaborative Research: Non-Linear Physics of the Interaction Between a Relativistic Electron Beam and Magnetized Plasma: an Integrated Experimental and Modeling Approach | 47.049 | - | - | 40,184 |
| The CODEX of the Milky Way | 47.049 | - | - | 14,513 |
| Subtotal Assistance Listing (AL) #47.049 | | | - | 96,745 |

See Notes to Schedule of Expenditures of Federal Awards.

**SPACE SCIENCE INSTITUTE
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED DECEMBER 31, 2022**

| Federal Grantor/Pass through Grantor/ Program or Cluster Title | Federal AL Number | Pass-Through Entity Identifying Number | Passed Through to Subrecipients | Federal Expenditures |
|---|-------------------------|--|---------------------------------------|-------------------------|
| Research and Development Awards (Continued) | | | | |
| National Science Foundation (Continued) | | | | |
| Direct (Continued) | | | | |
| Collaborative Research: Energetic Particle Precipitation from the Magnetosphere and Effects on Ozone Dynamics in the Mesosphere and Stratosphere | 47.050 | - | \$ - | \$ 153,574 |
| GEM: Developing a Highly Predictable Canonical Geomagnetic Index to Gauge Space Weather | 47.050 | - | - | 142,635 |
| Collaborative Research: GEM: The Excitation and Propagation of Fast Magnetosonic Waves and Their Effect on Radiation Belt Electrons | 47.050 | - | - | 94,183 |
| Collaborative Research: NSFGE0-NERC: Conjugate Experiment to Investigate Sources of High-Latitude Magnetic Perturbations in Coupled Solar Wind-Magnetosphere-Ionosphere-Ground System | 47.050 | - | - | 54,831 |
| Collaborative Research: Equatorial Glaciation and Landscape Burial in the Late Paleozoic: Implications for Pangaeian Climate and Tectonics | 47.050 | - | - | 45,952 |
| Transport of Magma in the Near Surface at Small Volcanoes- Experimental Intrusion of Basaltic Melt into Unconsolidated Sediments | 47.050 | - | - | 28,143 |
| Collaborative Research: Substorm Particle Injection into the Ring Current-MagnetoHydroDynamic (MHD) with Embedded Particle-In-Cell (PIC) Simulation Approach | 47.050 | - | - | 23,782 |
| A Virtual Conference on Applications of Statistical Methods and Machine Learning in the Space Sciences | 47.050 | - | - | 10,000 |
| Passed through Aerospace Corporation | | | | |
| Collaborative Research: A New Ground-magnetometer for inner Magnetospheric Array Geospace Studies (iMAGS) | 47.050 | AGS-1848730 | - | 19,125 |
| Subtotal Assistance Listing (AL) #47.050 | | | - | 572,225 |
| Direct | | | | |
| Collaborative Research: STAR Library Network Phase 3: Enhancing STEM Equity Enhancing Learning Opportunities in Libraries of Rural Communities | 47.076 | - | 111,083 | 353,871 |
| Collaborative Research: Water in the Four Corners Region: Libraries and Exhibits Connecting and Engaging Communities with Their Water Systems | 47.076 | - | - | 72,122 |

See Notes to Schedule of Expenditures of Federal Awards.

**SPACE SCIENCE INSTITUTE
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED DECEMBER 31, 2022**

| Federal Grantor/Pass through Grantor/ Program or Cluster Title | Federal AL Number | Pass-Through Entity Identifying Number | Passed Through to Subrecipients | Federal Expenditures |
|--|-------------------------|--|---------------------------------------|-------------------------|
| Research and Development Awards (Continued) | | | | |
| National Science Foundation (Continued) | | | | |
| Passed through Twin Cities Public Television | | | | |
| STEM Tales: Investigating the Effect of Media Read-alouds by Diverse Scientists and Engineers on Young Children's Literacy and Interest in STEM Careers | 47.076 | 21758-3913 | - | 3,023 |
| Subtotal Assistance Listing (AL) #47.076 | | | <u>111,083</u> | <u>429,016</u> |
| Total National Science Foundation | | | 111,083 | 1,097,986 |
| Department of Energy | | | | |
| Direct | | | | |
| Strong Turbulent Alfvén Wave Interactions in a Laboratory Plasma | 81.049 | - | - | 133,677 |
| Using Kinetic Entropy to Understand Dissipation in Reconnection and Turbulence | 81.049 | - | - | 7,897 |
| Laboratory Study of Alfvén Waves | 81.049 | - | - | 5,021 |
| Passed through New Mexico Consortium | | | | |
| Nonlinear Interactions of Alfvén Waves in Multi-ion Plasmas | 81.049 | 735-001 | - | 32,761 |
| Collaborative Research: Parametric Instabilities of Alfvén Waves in Low-beta Plasmas | 81.049 | 697-001 | - | 10,076 |
| Subtotal AL 81.049 | | | <u>-</u> | <u>189,432</u> |
| Total Department of Energy | | | <u>-</u> | <u>189,432</u> |
| Total Research and Development Awards | | | <u>\$ 768,923</u> | <u>\$ 7,623,923</u> |

See Notes to Schedule of Expenditures of Federal Awards.

**SPACE SCIENCE INSTITUTE
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
DECEMBER 31, 2022**

NOTE 1 BASIS OF PRESENTATION

The accompanying schedule of expenditures of federal awards (the Schedule) includes federal grant activity of Space Science Institute (the Institute) under programs of the federal government for the year ended December 31, 2022. The information in the Schedule is presented in accordance with the requirements of Title 2 CFR Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of the Institute, it is not intended to, and does not, present the financial position, changes in net assets or cash flows of the Institute.

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Expenditures reported on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following the cost principles contained in the Uniform Guidance, wherein certain types of expenditures are not allowable or are limited as to reimbursement.

NOTE 3 INDIRECT COST RATE

The Institute elected not to use the 10 percent de minimis indirect cost rate allowed under the Uniform Guidance. The Institute utilizes the indirect cost rates included in the grant agreements awarded and obtained. Predetermined and/or provisional indirect cost rates were obtained on January 12, 2022, December 4, 2019, June 13, 2016, and June 1, 2015, covering periods from 2013 to the present. Accordingly, grants applied for and obtained after these dates include these federally approved indirect cost rates.

**SPACE SCIENCE INSTITUTE
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
YEAR ENDED DECEMBER 31, 2022**

Section I – Summary of Auditors’ Results

Financial Statements

1. Type of auditors’ report issued: Unmodified
2. Internal control over financial reporting:
- Material weakness(es) identified? yes no
 - Significant deficiency(ies) identified? yes none reported
3. Noncompliance material to financial statements noted? yes no

Federal Awards

1. Internal control over major federal programs:
- Material weakness(es) identified? yes no
 - Significant deficiency(ies) identified? yes none reported
2. Type of auditors’ report issued on compliance for major federal programs: Unmodified
3. Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)? yes no

Identification of Major Federal Program

Assistance Listing Number

43.001, 43.008, 43.000, 47.049,
47.050, 47.076, 81.049

Name of Federal Program

Research and Development Cluster

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

\$ 750,000

Auditee qualified as low-risk auditee?

yes no

**SPACE SCIENCE INSTITUTE
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED DECEMBER 31, 2022**

Section II – Financial Statement Findings

Our audit did not disclose any matters required to be reported in accordance with *Government Auditing Standards*.

Section III – Findings and Questioned Costs – Major Federal Programs

Our audit did not disclose any matters required to be reported in accordance with 2 CFR 200.516(a)



**SPACE SCIENCE INSTITUTE
SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS
YEAR ENDED DECEMBER 31, 2022**

National Aeronautics and Space Administration (NASA)

Space Science Institute respectfully submits the following summary schedule of prior audit findings for the year ended December 31, 2022.

Audit period: January 1, 2022 – December 31, 2022

The findings from the prior audit's schedule of findings and questioned costs are discussed below. The findings are numbered consistently with the numbers assigned in the prior year.

FINDINGS — FINANCIAL STATEMENT AUDIT

There were no financial statement findings in the prior year.

FINDINGS — FEDERAL AWARD PROGRAMS AUDITS

There were no federal award program audit findings in the prior year.

If NASA has questions regarding this plan, please call Carl Wuth at 720-974-5888 or email at wuth@spacescience.org.



CLA (CliftonLarsonAllen LLP) is a network member of CLA Global. See CLAGlobal.com/disclaimer. Investment advisory services are offered through CliftonLarsonAllen Wealth Advisors, LLC, an SEC-registered investment advisor.