

**UNIVERSITY OF KANSAS  
CENTER FOR RESEARCH, INC.**  
(A Component Unit of the University of Kansas)

**FINANCIAL STATEMENTS**  
June 30, 2024 and 2023

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
Lawrence, Kansas

FINANCIAL STATEMENTS  
June 30, 2024 and 2023

CONTENTS

|                                                                                                                                                                                                                                          |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| INDEPENDENT AUDITOR'S REPORT .....                                                                                                                                                                                                       | 1  |
| FINANCIAL STATEMENTS                                                                                                                                                                                                                     |    |
| STATEMENTS OF FINANCIAL POSITION .....                                                                                                                                                                                                   | 4  |
| STATEMENTS OF ACTIVITIES.....                                                                                                                                                                                                            | 5  |
| STATEMENTS OF CASH FLOWS.....                                                                                                                                                                                                            | 7  |
| NOTES TO FINANCIAL STATEMENTS .....                                                                                                                                                                                                      | 8  |
| SUPPLEMENTARY INFORMATION                                                                                                                                                                                                                |    |
| SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS .....                                                                                                                                                                                         | 24 |
| NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS .....                                                                                                                                                                            | 64 |
| INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER<br>FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS<br>BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED<br>IN ACCORDANCE WITH <i>GOVERNMENT AUDITING STANDARDS</i> ..... | 71 |
| INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR MAJOR<br>FEDERAL PROGRAM AND REPORT ON INTERNAL CONTROL OVER COMPLIANCE .....                                                                                                             | 73 |
| SCHEDULE OF FINDINGS AND QUESTIONED COSTS.....                                                                                                                                                                                           | 76 |

## INDEPENDENT AUDITOR'S REPORT

Board of Trustees  
University of Kansas Center for Research, Inc.  
Lawrence, Kansas

**Report on the Audit of the Financial Statements*****Opinion***

We have audited the financial statements of University of Kansas Center for Research, Inc., a component unit of the University of Kansas, which comprise the statements of financial position as of June 30, 2024 and 2023, and the related statements of activities, and cash flows for the years then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of University of Kansas Center for Research, Inc. as of June 30, 2024 and 2023, 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 audits 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 Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of University of Kansas Center for Research, Inc. 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.

***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 University of Kansas Center for Research, Inc.'s ability to continue as a going concern for one year from the date the financial statements are available to be issued.

---

(Continued)

## ***Auditor's 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 auditor's 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 University of Kansas Center for Research, Inc.'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 University of Kansas Center for Research, Inc.'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.

### **Supplementary Information**

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying Schedule of Expenditures of Federal Awards as required by Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* is presented for purposes of additional analysis and is not a required part of the 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 financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain other 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 information is fairly stated, in all material respects, in relation to the financial statements as a whole.

---

(Continued)

### **Other Reporting Required by *Government Auditing Standards***

In accordance with *Government Auditing Standards*, we have also issued our report dated September 26, 2024 on our consideration of the University of Kansas Center for Research, Inc.'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 the Center'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 the Center's internal control over financial reporting and compliance.

  
Crowe LLP

Indianapolis, Indiana  
September 26, 2024

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
STATEMENTS OF FINANCIAL POSITION  
June 30, 2024 and 2023

|                                        | <u>2024</u>           | <u>2023</u>           |
|----------------------------------------|-----------------------|-----------------------|
| <b>Assets</b>                          |                       |                       |
| Current assets                         |                       |                       |
| Cash and cash equivalents              | \$ 14,740,217         | \$ 27,542,122         |
| Current investments                    | 93,357,197            | 85,852,550            |
| Accounts receivable, net               | 38,806,970            | 30,225,151            |
| Note receivable, net – current         | 114,118               | 109,466               |
| Prepaid expenses                       | <u>305,781</u>        | <u>307,406</u>        |
| Total current assets                   | 147,324,283           | 144,036,695           |
| Non-current assets                     |                       |                       |
| Property and equipment, net            | 18,034,418            | 17,725,614            |
| Buildings and equipment in progress    | <u>1,091,206</u>      | <u>1,052,353</u>      |
| Total property and equipment, net      | 19,125,624            | 18,777,967            |
| Right of use asset                     | 4,746,749             | 4,926,497             |
| Long-term investments                  | 9,273,985             | 8,800,557             |
| Note receivable, net                   | <u>335,954</u>        | <u>394,200</u>        |
| Total non-current assets               | <u>33,482,312</u>     | <u>32,899,221</u>     |
| Total assets                           | <u>\$ 180,806,595</u> | <u>\$ 176,935,916</u> |
| <b>Liabilities and net assets</b>      |                       |                       |
| Current liabilities                    |                       |                       |
| Accounts payable and accrued expenses  | \$ 12,324,656         | \$ 11,383,907         |
| Bonds payable, net – current           | 4,049,983             | 982,753               |
| Notes payable – current                | -                     | 2,819,358             |
| Lease liabilities, current portion     | 422,925               | 600,354               |
| Assets held for others                 | 7,709,505             | 8,418,287             |
| Deferred revenues – sponsored research | <u>11,523,684</u>     | <u>12,678,718</u>     |
| Total current liabilities              | 36,030,753            | 36,883,377            |
| Non-current liabilities:               |                       |                       |
| Bonds payable, net                     | -                     | 4,049,984             |
| Lease liabilities                      | <u>1,713,712</u>      | <u>4,553,683</u>      |
| Total non-current liabilities          | <u>1,713,712</u>      | <u>8,603,667</u>      |
| Total liabilities                      | <u>37,744,465</u>     | <u>45,487,044</u>     |
| <b>Net assets</b>                      |                       |                       |
| Without donor restrictions             | 133,943,110           | 122,803,280           |
| With donor restrictions                | <u>9,119,020</u>      | <u>8,645,592</u>      |
| Total net assets                       | <u>143,062,130</u>    | <u>131,448,872</u>    |
| Total liabilities and net assets       | <u>\$ 180,806,595</u> | <u>\$ 176,935,916</u> |

See accompanying notes to financial statements.

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
STATEMENT OF ACTIVITIES  
Year ended June 30, 2024

|                                                 | Without<br>Donor<br>Restrictions | With<br>Donor<br>Restrictions | Total                 |
|-------------------------------------------------|----------------------------------|-------------------------------|-----------------------|
| <b>Revenues, gains, and other support</b>       |                                  |                               |                       |
| Direct research income                          | \$ 157,667,713                   | \$ -                          | \$ 157,667,713        |
| Facilities & administrative (F&A) revenue       | <u>33,816,104</u>                | <u>-</u>                      | <u>33,816,104</u>     |
|                                                 | 191,438,817                      | -                             | 191,483,817           |
| Service centers                                 | 16,241,022                       | -                             | 16,241,022            |
| Royalties                                       | 269,858                          | -                             | 269,858               |
| Investment returns, net                         | 7,467,701                        | 782,751                       | 8,250,452             |
| Other income                                    | 1,663,993                        | -                             | 1,663,993             |
| Net assets released from restriction            | <u>309,323</u>                   | <u>(309,323)</u>              | <u>-</u>              |
|                                                 | 25,951,897                       | 473,428                       | 26,425,325            |
| Total revenues, gains, and other support        | <u>217,435,714</u>               | <u>473,428</u>                | <u>217,909,142</u>    |
| <b>Expenses</b>                                 |                                  |                               |                       |
| Program services                                |                                  |                               |                       |
| Direct research expenses                        | 160,428,818                      | -                             | 160,428,818           |
| Capitalized expenses for property and equipment | <u>(6,858,373)</u>               | <u>-</u>                      | <u>(6,858,373)</u>    |
|                                                 | 153,570,445                      | -                             | 153,570,445           |
| Research unit/school expenses                   | 5,715,271                        | -                             | 5,715,271             |
| Service centers                                 | 22,674,677                       | -                             | 22,674,677            |
| Other programs services                         | 2,597,413                        | -                             | 2,597,413             |
| Interest expense                                | <u>150,200</u>                   | <u>-</u>                      | <u>150,200</u>        |
| Total program services                          | <u>184,708,006</u>               | <u>-</u>                      | <u>184,708,006</u>    |
| Supporting services:                            |                                  |                               |                       |
| University support                              | 936,308                          | -                             | 936,308               |
| Research administration and unit support        | 17,879,703                       | -                             | 17,879,703            |
| Matching costs                                  | <u>1,232,104</u>                 | <u>-</u>                      | <u>1,232,104</u>      |
| Total supporting services                       | <u>20,048,115</u>                | <u>-</u>                      | <u>20,048,115</u>     |
| Total expenses                                  | 204,756,121                      | -                             | 204,756,121           |
| <b>Change in net assets before transfers</b>    | 12,679,593                       | 473,428                       | 13,153,021            |
| Transfers to University                         | <u>(1,539,763)</u>               | <u>-</u>                      | <u>(1,539,763)</u>    |
| <b>Change in net assets</b>                     | 11,139,830                       | 473,428                       | 11,613,258            |
| Net assets, beginning of year                   | <u>122,803,280</u>               | <u>8,645,592</u>              | <u>131,448,872</u>    |
| <b>Net assets, end of year</b>                  | <u>\$ 133,943,110</u>            | <u>\$ 9,119,020</u>           | <u>\$ 143,062,130</u> |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
STATEMENT OF ACTIVITIES  
Year ended June 30, 2023

|                                                  | Without<br>Donor<br>Restrictions | With<br>Donor<br>Restrictions | Total                     |
|--------------------------------------------------|----------------------------------|-------------------------------|---------------------------|
| <b>Revenues, gains, and other support</b>        |                                  |                               |                           |
| Direct research income                           | \$ 140,091,388                   | \$ -                          | \$ 140,091,388            |
| Facilities & administrative (F&A) revenue        | <u>32,106,212</u>                | <u>-</u>                      | <u>32,106,212</u>         |
|                                                  | 172,197,600                      | -                             | 172,197,600               |
| <br>Service centers                              | <br>13,844,480                   | <br>-                         | <br>13,844,480            |
| Royalties                                        | 370,525                          | -                             | 370,525                   |
| Investment returns, net                          | 4,146,484                        | 75,604                        | 4,222,088                 |
| Other income                                     | 1,925,637                        | -                             | 1,925,637                 |
| Net assets released from restriction             | <u>280,155</u>                   | <u>(280,155)</u>              | <u>-</u>                  |
|                                                  | 20,567,281                       | (204,551)                     | 20,362,730                |
| <br>Total revenues, gains, and other support     | <br><u>192,764,881</u>           | <br><u>(204,551)</u>          | <br><u>192,560,330</u>    |
| <b>Expenses</b>                                  |                                  |                               |                           |
| Program services                                 |                                  |                               |                           |
| Direct research expenses                         | 140,865,733                      | -                             | 140,865,733               |
| Capitalized expenses for property and equipment  | <u>(2,983,335)</u>               | <u>-</u>                      | <u>(2,983,335)</u>        |
|                                                  | 137,882,398                      | -                             | 137,882,398               |
| <br>Research unit/school expenses                | <br>4,704,198                    | <br>-                         | <br>4,704,198             |
| Service centers                                  | 16,995,467                       | -                             | 16,995,467                |
| Other programs services                          | 1,966,147                        | -                             | 1,966,147                 |
| Interest expense                                 | <u>214,754</u>                   | <u>-</u>                      | <u>214,754</u>            |
| Total program services                           | <u>161,762,964</u>               | <u>-</u>                      | <u>161,762,964</u>        |
| <br>Supporting services:                         |                                  |                               |                           |
| University support                               | 825,212                          | -                             | 825,212                   |
| Research administration and unit support         | 14,974,695                       | -                             | 14,974,695                |
| Matching costs                                   | <u>1,383,724</u>                 | <u>-</u>                      | <u>1,383,724</u>          |
| Total supporting services                        | <u>17,183,631</u>                | <u>-</u>                      | <u>17,183,631</u>         |
| <br>Total expenses                               | <br><u>178,946,595</u>           | <br><u>-</u>                  | <br><u>178,946,595</u>    |
| <br><b>Change in net assets before transfers</b> | <br>13,818,286                   | <br>(204,551)                 | <br>13,613,735            |
| Transfers to University                          | <u>(1,757,694)</u>               | <u>-</u>                      | <u>(1,757,694)</u>        |
| <br><b>Change in net assets</b>                  | <br>12,060,592                   | <br>(204,551)                 | <br>11,856,041            |
| Net assets, beginning of year                    | <u>110,742,688</u>               | <u>8,850,143</u>              | <u>119,592,831</u>        |
| <br><b>Net assets, end of year</b>               | <br><u>\$ 122,803,280</u>        | <br><u>\$ 8,645,592</u>       | <br><u>\$ 131,448,872</u> |

See accompanying notes to financial statements.

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
STATEMENTS OF CASH FLOWS  
Years ended June 30, 2024 and 2023

|                                                                                            | <u>2024</u>           | <u>2023</u>          |
|--------------------------------------------------------------------------------------------|-----------------------|----------------------|
| <b>Cash flows from operating activities</b>                                                |                       |                      |
| Cash received for research contracts, grants and service accounts and unit support         | \$ 181,038,182        | \$ 173,072,087       |
| Royalties received                                                                         | 269,857               | 370,525              |
| Interest received                                                                          | 2,397,030             | 2,280,012            |
| Payments to suppliers and University                                                       | (203,842,023)         | (179,986,739)        |
| Interest paid                                                                              | (184,092)             | (461,561)            |
| Other operating receipts                                                                   | 17,905,015            | 15,770,117           |
| Net cash from operating activities                                                         | <u>(2,416,031)</u>    | <u>11,044,441</u>    |
| <b>Cash flows from investing activities</b>                                                |                       |                      |
| Purchase of property and equipment                                                         | (4,683,265)           | (5,382,237)          |
| Purchase of investments                                                                    | (2,861,409)           | (2,577,487)          |
| Proceeds from sales and maturities of investments                                          | 780,206               | 1,263,409            |
| Collection of notes receivable                                                             | 53,594                | 51,409               |
| Net cash from investing activities                                                         | <u>(6,710,874)</u>    | <u>(6,644,906)</u>   |
| <b>Cash flows from financing activities</b>                                                |                       |                      |
| Principal payments on note payable                                                         | (2,725,000)           | (3,851,900)          |
| Principal payments on bonds                                                                | (950,000)             | (920,000)            |
| Net cash from financing activities                                                         | <u>(3,675,000)</u>    | <u>(4,771,900)</u>   |
| Decrease in cash and cash equivalents                                                      | (12,801,905)          | (372,365)            |
| Cash and cash equivalents, beginning of year                                               | <u>27,542,122</u>     | <u>27,914,487</u>    |
| <b>Cash and cash equivalents, end of year</b>                                              | <u>\$ 14,740,217</u>  | <u>\$ 27,542,122</u> |
| <b>Reconciliation of change in net assets to net cash provided by operating activities</b> |                       |                      |
| Change in net assets                                                                       | \$ 11,613,258         | \$ 11,856,041        |
| Adjustments to reconcile change in net assets to net cash provided by operating activities |                       |                      |
| Depreciation                                                                               | 4,052,557             | 3,787,405            |
| Amortization                                                                               | (127,112)             | (192,439)            |
| Loss on disposal of property and equipment                                                 | 44,660                | 73,509               |
| Realized and unrealized gain on investments                                                | (5,853,422)           | (1,942,076)          |
| Transfer of assets to University of Kansas                                                 | 1,539,763             | 1,757,694            |
| Changes in                                                                                 |                       |                      |
| Accounts receivable, net                                                                   | (8,581,819)           | (4,133,418)          |
| Prepaid expenses                                                                           | (1,625)               | (157,444)            |
| Accounts payable and accrued expenses, less transfers                                      | (3,241,725)           | (5,012,736)          |
| Assets held for others                                                                     | (708,782)             | 385,922              |
| Deferred revenues – research                                                               | <u>(1,155,034)</u>    | <u>4,621,983</u>     |
| Net cash from operating activities                                                         | <u>\$ (2,416,031)</u> | <u>\$ 11,044,441</u> |

See accompanying notes to financial statements.

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

---

**NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

Nature of Operations: The University of Kansas Center for Research, Inc. (the Center) is a not-for-profit organization that operates under the administrative jurisdiction of the University of Kansas (the University or KU). The Center is a component unit of the University and administers sponsored agreements to conduct research and training for the University. The Center's revenues and other support are derived principally from federal, state, and private grants and its activities are conducted principally in Lawrence, Kansas.

Use of Estimates: The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America ("GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues, expenses, gains, losses and other changes in net assets during the reporting period. Actual results could differ from those estimates.

Cash Equivalents: The Center considers all liquid investments with original maturities of three months or less to be cash equivalents. At June 30, 2024 and 2023, cash equivalents consisted primarily of an interest-bearing checking account that is fully collateralized by FDIC insurance and Central Bank of the Midwest.

Investments and Investment Return: All investments are carried at fair value. Investment return includes dividend, interest, and other investment income; realized and unrealized gains and losses on investments carried at fair value; and realized gains and losses on other investments.

Property and Equipment: Property and equipment are recorded at cost at the date of acquisition or estimated fair value at the date of donation in the case of gifts. Property and equipment are depreciated on a straight-line basis over the estimated useful life of each asset, generally 3 to 40 years. For equipment, the Center's capitalization policy includes all items with a unit cost of \$5,000 or more, and an estimated useful life greater than one year. Scientific equipment acquired with research funds are expensed when purchased if such equipment must be returned to the grantor at the end of the research project. Renovations to buildings, infrastructure and land improvements that significantly increase the value or extend the useful life of the structure are capitalized if the related project cost exceeds \$100,000. Routine repairs and maintenance are charged to operating expense in the year in which the expense was incurred.

Impairment of Long-Lived Assets: On an ongoing basis, the Center reviews its long-lived assets for impairment whenever events or circumstances indicate that the carrying amount may be overstated. The Center recognizes impairment losses if the undiscounted cash flows expected to be generated are less than the carrying value of the related asset. If impaired, the assets are adjusted to fair value based on the discounted cash flows. No impairment is thought to exist as of June 30, 2024 and 2023.

Net Assets: The Center is required to report information regarding its financial position and activities according to the following classes of net assets:

Net assets without donor restrictions are free of donor-imposed restrictions and includes resources available to be used in support of the Center's general operations.

Net assets with donor restrictions includes both resources that have been received with stipulations that they be invested to provide a permanent source of income (e.g., endowment funds); such restrictions can neither expire with the passage of time nor be removed by fulfillment of a stipulated purpose, and net assets with donor restrictions whose use by the Center is limited by donor-imposed restrictions that either expire by the passage of time or can be removed by fulfillment of the stipulated purpose for which the donation was restricted. See Notes 9 and 10.

---

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

---

**NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

**Revenue Recognition:** The Center receives sponsored program funding, recognized as direct research income, from various governmental and corporate sources. The funding may represent a reciprocal transaction in exchange for an equivalent benefit in return, or it may be a nonreciprocal transaction in which the resources provided are for the benefit of the Center, the University, or the public at large.

Direct research income consisted of the following as of June 30:

|              | <u>2024</u>           | <u>2023</u>           |
|--------------|-----------------------|-----------------------|
| Non-Exchange | \$ 110,820,866        | \$ 98,615,511         |
| Exchange     | <u>46,846,847</u>     | <u>41,475,877</u>     |
|              | <u>\$ 157,667,713</u> | <u>\$ 140,091,388</u> |

Approximately 61% and 63% of all grant revenues was received from three grantors (federal agencies) in the form of direct awards during the years ended June 30, 2024 and 2023, respectively.

Non-exchange support funded by grants is recognized as the Center reaches agreed milestones or incurs outlays eligible for reimbursement under the grant agreements. The costs of projects on a cost-reimbursement basis are recognized as incurred and related revenue is recognized when earned (primarily as costs are incurred), whether billed or unbilled. Grant activities and outlays are subject to audit and acceptance by the granting agency and, as a result of such audit, adjustments could be required.

Revenues from non-exchange transactions may be subject to conditions, in the form of both a barrier to entitlement and a refund of amounts paid (or a release from obligation to make future payments). Revenues from conditional non-exchange transactions are recognized when the barrier is satisfied. In addition, the Center has elected the simultaneous release option for conditional non-exchange transactions that are also subject to purpose restriction. Under this option, net assets without donor restrictions will include the revenues from these transactions in the same reporting period as the revenue is recognized.

As of June 30, 2024, the Center had approximately \$500 million of conditional funding available from granting agencies over the next five years, which will be earned as milestones are met or qualified expenses are incurred.

Facilities and administrative (F&A) reimbursement revenues are earned as a percentage of direct costs charged to sponsored projects. The percentage is based on negotiated rates and is included in each award budget.

Revenue from exchange transactions is recognized as the Center performs the contracted services.

Service Center revenues represent reciprocal transactions in exchange for an equivalent benefit and are thus recognized as an exchange transaction with revenue recognized as services are performed. Payment for these services is due within 30 days of billing and the Center reserves the right to suspend services in the event that billings for such serves are not paid timely and neither the Center nor the University are liable for any resulting loss, damage or expense connected with such suspension. Service Center agreements may be terminated in whole or in part for any reason by either the Center or the customer upon 30 days' written notice to the other party.

An allowance for credit losses represents estimated uncollectible cost reimbursement amounts based on various factors including historical payments, current and expected economic trends and credit profile of sponsors.

---

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

**NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES** (Continued)

The composition of accounts receivable at June 30, 2024 and 2023 are as follows:

|                                 | <u>2024</u>          | <u>2023</u>          |
|---------------------------------|----------------------|----------------------|
| Accounts receivable:            |                      |                      |
| Federal                         | \$ 24,319,709        | \$ 19,760,303        |
| State                           | 6,093,616            | 4,722,706            |
| Other                           | <u>9,621,955</u>     | <u>7,103,163</u>     |
|                                 | 40,035,280           | 31,586,172           |
| Allowance for doubtful accounts | <u>(1,228,310)</u>   | <u>(1,361,021)</u>   |
| Total accounts receivable, net  | <u>\$ 38,806,970</u> | <u>\$ 30,225,151</u> |

Revenues received for research projects are received either in advance of costs being incurred or on a cost-reimbursement basis. Amounts received for sponsored research in advance of revenue recognition being met are deferred. The activity and balance for deferred revenue from sponsored research are as follows:

|                                                      | <u>Federal</u>      | <u>State</u>        | <u>Other</u>        | <u>Total</u>         |
|------------------------------------------------------|---------------------|---------------------|---------------------|----------------------|
| Balance as of July 1, 2022                           | \$ 866,990          | \$ 1,660,507        | \$ 5,529,238        | \$ 8,056,735         |
| Revenue recognized                                   | (866,990)           | (1,660,507)         | (5,529,238)         | (8,056,735)          |
| Payments received for future performance obligations | <u>1,073,147</u>    | <u>1,848,487</u>    | <u>9,757,084</u>    | <u>12,678,718</u>    |
| Balance as of June 30, 2023                          | 1,073,147           | 1,848,487           | 9,757,084           | 12,678,718           |
| Revenue recognized                                   | (1,073,147)         | (1,848,487)         | (9,757,084)         | (12,678,718)         |
| Payments received for future performance obligations | <u>1,903,580</u>    | <u>1,493,821</u>    | <u>8,126,283</u>    | <u>11,523,684</u>    |
| Balance as of June 30, 2024                          | <u>\$ 1,903,580</u> | <u>\$ 1,493,821</u> | <u>\$ 8,126,283</u> | <u>\$ 11,523,684</u> |

**Income Taxes:** The Center is exempt from income taxes under Section 501(c)(3) of the Internal Revenue Code and a similar provision of state law. The Center is subject to federal income tax on any unrelated business taxable income. However, management believes that any unrelated business taxes due, if any, would not be material to the financial statements.

The Center is subject to guidance with respect to accounting for uncertainty in income taxes. A tax position is recognized as a benefit only if it is “more likely than not” that the tax position would be sustained in a tax examination, with a tax examination being presumed to occur. The amount recognized is the largest amount of tax benefit that is greater than 50% likely of being realized on examination. For tax positions not meeting the “more likely than not” test, no tax benefit will be recorded.

The Center does not expect the total amount of unrecorded tax benefits to significantly change in the next 12 months. The Center recognizes interest and/or penalties related to income tax matters in income tax expense. The Center did not have any amounts accrued for interest and penalties at June 30, 2024 and 2023. At June 30, 2024 and June 30, 2023, the Center has not recorded any expected tax benefits.

(Continued)

**NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

Right of Use Assets and Lease Liabilities: Right of use (“ROU”) assets represent the Center’s right to use the underlying assets for the lease term and lease liabilities represent the net present value of the Center’s obligation to make payments arising from these leases. The lease liabilities are based on the present value of fixed lease payments over the lease term using the implicit lease interest rate or, when unknown, the Center’s incremental borrowing rate on the lease commencement date or July 1, 2020 for leases that commenced prior to that date. If the lease includes one or more options to extend the term of the lease, the renewal option is considered in the lease term if it is reasonably certain the Center will exercise the options. Operating lease expense is recognized on a straight-line basis over the term of the lease. As permitted by Topic 842, leases with an initial term of twelve months or less (“short-term leases”) are not recorded on the accompanying balance sheet.

The Center has lease agreements with lease and non-lease components, which are accounted for as a single lease component under the practical expedient provisions of the standard. The Center has lease agreements with terms less than one year. For the qualifying short-term leases, the Center elected the short-term lease recognition exemption in which the Center will not recognize ROU assets or lease liabilities, including the ROU assets or lease liabilities for existing short-term leases of those assets in upon adoption.

Variable lease payments consist primarily of common area maintenance, utilities, and taxes, which are not included in the recognition of ROU assets and related lease liabilities. Variable lease payments and short-term lease expenses were immaterial to the Center’s financial statements for the years ended June 30, 2024 and 2023. The Center’s lease agreements do not contain material restrictive covenants. The Center is required to make annual rent payments based on the lease agreements. There were no lease commencements in fiscal year 2023. For the lease commenced in fiscal year 2024, the Center used the incremental borrowing rate of 5.50%.

Reclassifications: Certain prior year amounts may have been reclassified to conform to the current year presentation, with no effect on the change in net assets.

Recently Adopted Accounting Guidance: On July 1, 2023, the Center adopted Accounting Standards Update (“ASU”) 2016-13 Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments (ASC 326) using the modified retrospective approach. This standard replaced the incurred loss methodology with an expected loss methodology that is referred to as the current expected credit loss (“CECL”) methodology. CECL requires an estimate of credit losses for the remaining estimated life of financial assets using historical experience, current conditions, and reasonable supportable forecasts. The new standard had no impact on the Center’s financial statements.

Subsequent Events: Management has performed an analysis of the activities and transactions subsequent to June 30, 2024, to determine the need for any adjustments or disclosures to the financial statements for the year ended June 30, 2024. Management has performed their analysis through September 26, 2024, the date the financial statements were issued.

**NOTE 2 – INVESTMENTS**

The Board of Trustees, as well as the Finance and Audit Committee, of the Center oversee the Center’s investments. In accordance with the Center’s investment policy, eligible investments include money market funds, FDIC insured bank accounts, U.S. Treasury obligations (Bills, Notes, Bonds), U.S. Government Agency obligations, corporate obligations, mutual funds, exchange traded funds, domestic and international stocks, and fully collateralized repurchase agreements. Asset allocation targets are reviewed semi-annually by the Finance and Audit Committee.

---

(Continued)

**NOTE 2 – INVESTMENTS** (Continued)

**Fair Value Measurements:** Fair value is defined as the price that would be received for an asset or paid to transfer a liability (an exit price) in the Center's principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date.

To maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value, the Center uses the fair value hierarchy. GAAP describes three levels of inputs that may be used to measure fair value:

*Level 1:* Inputs include quoted prices (unadjusted) for identical assets or liabilities in active markets that the entity has the ability to access as of the measurement date.

*Level 2:* Inputs include significant other observable inputs other than Level 1 prices such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data.

*Level 3:* Inputs include significant unobservable inputs that reflect a reporting entity's own assumptions about the assumptions that market participants would use in pricing an asset or liability.

In many cases, a valuation technique used to measure fair value includes inputs from multiple levels of the fair value hierarchy. The lowest level of significant input determines the placement of the entire fair value measurement in the hierarchy.

Where quoted market prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. Level 1 securities include United States treasury bills, mutual funds, and money market funds.

Investments Held by Kansas University Endowment Association: Investments in pooled funds held by Kansas University Endowment Association ("KU Endowment") are valued at net asset value based upon the proportional value of the overall fund which estimates fair value. Investment earnings are allocated monthly on a prorated basis representative of the Center's overall percentage of ownership in the applicable pooled funds. As such, all the Center's investments at the KU Endowment are valued at net asset value and are excluded from the valuation hierarchy. The underlying assets consist primarily of marketable securities measured at fair value.

The Center classifies funds that are available for immediate expenditure as current assets and funds invested in KU Endowment's long-term investment program and other investment funds as noncurrent assets. The funds available for immediate expenditure can be redeemed on a short-term basis.

---

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

**NOTE 2 – INVESTMENTS** (Continued)

The Center's investments consisted of the following:

|                                  | June 30, 2024         |                      |                     |
|----------------------------------|-----------------------|----------------------|---------------------|
|                                  | <u>Fair Value</u>     | <u>Level 1</u>       | <u>NAV</u>          |
| United States treasury bills     | \$ 28,801             | \$ 28,801            | \$ -                |
| Mutual funds:                    |                       |                      |                     |
| Domestic equity funds            | 24,023,827            | 24,023,827           | -                   |
| Domestic bond funds              | 31,550,977            | 31,550,977           | -                   |
| Domestic real estate funds       | 9,241,220             | 9,241,220            | -                   |
| International equity funds       | 15,481,871            | 15,481,871           | -                   |
| International bond funds         | 8,417,256             | 8,417,256            | -                   |
| International real estate funds  | 4,563,459             | 4,563,459            | -                   |
| Money market funds               | 49,786                | 49,786               | -                   |
| Common Stock                     | 154,965               | -                    | 154,965             |
| Investments held by KU Endowment | 9,119,020             | -                    | 9,119,020           |
|                                  | <u>\$ 102,631,182</u> | <u>\$ 93,357,197</u> | <u>\$ 9,273,985</u> |

  

|                                  | June 30, 2023        |                      |                     |
|----------------------------------|----------------------|----------------------|---------------------|
|                                  | <u>Fair Value</u>    | <u>Level 1</u>       | <u>NAV</u>          |
| United States treasury bills     | \$ 31,198            | \$ 31,198            | \$ -                |
| Mutual funds:                    |                      |                      |                     |
| Domestic equity funds            | 22,430,527           | 22,430,527           | -                   |
| Domestic bond funds              | 29,131,031           | 29,131,031           | -                   |
| Domestic real estate funds       | 8,420,695            | 8,420,695            | -                   |
| International equity funds       | 14,083,815           | 14,083,815           | -                   |
| International bond funds         | 7,798,450            | 7,798,450            | -                   |
| International real estate funds  | 3,912,293            | 3,912,293            | -                   |
| Money market funds               | 44,541               | 44,541               | -                   |
| Common Stock                     | 154,965              | -                    | 154,965             |
| Investments held by KU Endowment | 8,645,592            | -                    | 8,645,592           |
|                                  | <u>\$ 94,653,107</u> | <u>\$ 85,852,550</u> | <u>\$ 8,800,557</u> |

Total investment return is comprised of the following:

|                                   | <u>2024</u>         | <u>2023</u>         |
|-----------------------------------|---------------------|---------------------|
| Interest and dividend income, net | \$ 2,397,030        | \$ 2,280,012        |
| Realized gain                     | 2,516,165           | 1,069,510           |
| Unrealized gain                   | <u>3,337,257</u>    | <u>872,566</u>      |
|                                   | <u>\$ 8,250,452</u> | <u>\$ 4,222,088</u> |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

---

**NOTE 3 – NOTE RECEIVABLE**

In fiscal year 2010, the Center loaned the Lawrence-Douglas County Biosciences Authority \$1,000,000 to assist in the financing of the construction of the Bioscience and Technology Business Center (“BTBC”). The note had an original maturity date of June 21, 2020. However, during the year ended June 30, 2020, the Center extended the maturity of the note to June 21, 2030, requiring final principal payment on the maturity date. The note bears interest at 4.25% and is secured by an unconditional assignment of amounts payable to BTBC under commitments from the City of Lawrence, Kansas and Douglas County, Kansas (annual commitments by each of \$75,000 per year through 2030) and by an assignment of rent from all tenants of the facility.

The note is recorded at the unpaid principal balance. Management believes the remaining balance is collectible, as such management has made no provisions for credit losses. Interest is recognized over the term of the notes and is calculated using the simple-interest method on the outstanding principal.

A summary of changes in note receivable is as follows:

|           | June 30,<br><u>2023</u> | <u>Additions</u> | <u>Repayments</u> | June 30,<br><u>2024</u> | Current<br><u>Portion</u> |
|-----------|-------------------------|------------------|-------------------|-------------------------|---------------------------|
| BTBC note | \$ 503,666              | \$ -             | \$ (53,594)       | \$ 450,072              | \$ 114,118                |

Future repayment activity for the notes is as follows:

| <u>Year Ending June 30</u> | <u>Principal</u>  | <u>Interest</u>  | <u>Total</u>      |
|----------------------------|-------------------|------------------|-------------------|
| 2025                       | \$ 114,118        | \$ 16,754        | \$ 130,872        |
| 2026                       | 60,722            | 14,278           | 75,000            |
| 2027                       | 63,303            | 11,697           | 75,000            |
| 2028                       | 65,993            | 9,007            | 75,000            |
| 2029                       | 68,798            | 6,202            | 75,000            |
| Thereafter                 | <u>77,138</u>     | <u>3,278</u>     | <u>80,416</u>     |
|                            | <u>\$ 450,072</u> | <u>\$ 61,216</u> | <u>\$ 511,288</u> |

In April 2021, as part of BTBC obtaining an unrelated, third-party bank loan to construct an additional phase of its facility, KUCR entered into an agreement with BTBC, structured as a “springing” or contingent lease, whereby KUCR agrees to lease a certain portion of BTBC’s facility if BTBC is unable to achieve sufficient occupancy or to meet associated financial covenants. KUCR has assessed the likelihood of performing under this stand ready provision as remote and as such has not accrued a liability for this commitment as of June 30, 2024 and 2023.

---

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

**NOTE 4 – PROPERTY AND EQUIPMENT**

Property and equipment consisted of:

|                                        | July 1,<br><u>2023</u> | <u>Increases</u>  | <u>Decreases</u>  | June 30,<br><u>2024</u> |
|----------------------------------------|------------------------|-------------------|-------------------|-------------------------|
| Land                                   | \$ 808,808             | \$ -              | \$ -              | \$ 808,808              |
| Building                               | 1,916,236              | -                 | -                 | 1,916,236               |
| Office and scientific equipment        | <u>76,075,914</u>      | <u>4,683,265</u>  | <u>2,096,603</u>  | <u>78,662,576</u>       |
|                                        | 78,800,958             | 4,683,265         | 2,096,603         | 81,387,620              |
| Less accumulated depreciation          | <u>61,075,344</u>      | <u>4,052,557</u>  | <u>1,774,699</u>  | <u>63,353,202</u>       |
|                                        | 17,725,614             | 630,708           | 321,904           | 18,034,418              |
| Buildings and equipment<br>in progress | <u>1,052,353</u>       | <u>93,049</u>     | <u>54,196</u>     | <u>1,091,206</u>        |
| Total property and<br>equipment, net   | <u>\$ 18,777,967</u>   | <u>\$ 723,757</u> | <u>\$ 376,100</u> | <u>\$ 19,125,624</u>    |

The statements of financial position of the Center include only those property and equipment purchases or donations that remain the Center's property. Accordingly, the historical cost of property and equipment purchased by the Center and transferred to the University are reflected within the University's financial statements. Transfers to the University were \$1,539,763 and \$1,757,694 during the years ended June 30, 2024 and 2023, respectively.

**NOTE 5 – ASSETS HELD FOR OTHERS**

The Center has entered into an agreement with another community-based organization to administer the Assistive Technology for Kansans program. In association with this agreement, the Center will maintain certain administrative and fiduciary responsibilities related to certain financial assets of the program. These financial assets primarily consist of investments. Accordingly, the amounts of financial assets administered by the Center under the program are also reported as assets held for others. At June 30, 2024 and 2023, these amounts totaled \$7,709,505 and \$8,418,287, respectively.

**NOTE 6 – BONDS PAYABLE**

A summary of the changes in bonds payable long-term debt is as follows:

|                     | July 1,<br><u>2023</u> | <u>Additions</u> | <u>Retirements</u> | June 30,<br><u>2024</u> | Current<br>Portion  |
|---------------------|------------------------|------------------|--------------------|-------------------------|---------------------|
| Revenue bond:       |                        |                  |                    |                         |                     |
| Series 2014E        | \$ 4,995,000           | \$ -             | \$ 950,000         | \$ 4,045,000            | \$ 4,045,000        |
| Bond premiums       | 79,866                 | -                | 58,032             | 21,834                  | 21,834              |
| Bond issuance costs | <u>(42,129)</u>        | <u>-</u>         | <u>(25,278)</u>    | <u>(16,851)</u>         | <u>(16,851)</u>     |
| Total               | <u>\$ 5,032,737</u>    | <u>\$ -</u>      | <u>\$ 982,754</u>  | <u>\$ 4,049,983</u>     | <u>\$ 4,049,983</u> |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

---

**NOTE 6 – BONDS PAYABLE** (Continued)

Long-term debt is comprised of the following:

| <u>Revenue Bond</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Balance at<br>June 30,<br><u>2024</u> | Balance at<br>June 30,<br><u>2023</u> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| <p>\$10,580,000 – Series 2014E Kansas Development Finance Authority Revenue Bonds (tax-exempt). The bonds are due in annual installments ranging from \$90,000 to \$4,045,000 final maturity on February 1, 2025. Interest rates ranging from 2.00% to 3.00% is payable semi-annually. A rating of AA was assigned by Standard &amp; Poor's and a rating of Aa2 was assigned by Moody's Investor Services. A pledge of Center revenues and a second pledge of all University's revenues, excluding restricted revenues, are available for full payment of the debt service in the event the Center is not able to make debt service payments. Proceeds for the 2014E bonds were used to advance refund \$10,560,000 of the 2006G Kansas Development Finance Authority Tax-Exempt Revenue Bonds which were originally used to finance the construction of the Structural Biology Center Phase III building.</p> | <u>\$ 4,045,000</u>                   | <u>\$ 4,995,000</u>                   |

In accordance with University policy, the capitalized costs of facilities financed by the bond have been previously transferred to and are reported on University's financial statements. These facilities include the Structural Biology Center Phase III building which was financed by 2014E. At June 30, 2024 and 2023, the net book value of this facility was approximately \$7.1 million and \$7.9 million, respectively.

Future revenue bond debt service requirements at June 30, 2024 are as follows:

| <u>Year Ending June 30</u> | <u>Principal</u>    | <u>Interest</u>   | <u>Total</u>        |
|----------------------------|---------------------|-------------------|---------------------|
| 2025                       | <u>\$ 4,045,000</u> | <u>\$ 121,350</u> | <u>\$ 4,166,350</u> |

The Series 2014 Bond is secured by loan agreements with the Kansas Development Finance Authority. The bond agreement contains various restrictive covenants. The Center is subject to limitations on additional indebtedness under the agreements. At June 30, 2024, the Center reported compliance with these covenants.

Interest expense, net of amortization, related to all bonds payable for the years ended June 30, 2024 and 2023, was \$150,200 and \$177,450, respectively.

---

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

**NOTE 7 – NOTES PAYABLE**

A summary of the changes in notes payable long-term debt is as follows:

|                        | <u>July 1, 2023</u> | <u>Additions</u> | <u>Retirements</u>  | <u>June 30, 2024</u> | <u>Current Portion</u> |
|------------------------|---------------------|------------------|---------------------|----------------------|------------------------|
| Series 2012E Refunding | \$ 2,725,000        | \$ -             | \$ 2,725,000        | \$ -                 | \$ -                   |
| Premium                | 94,358              | -                | 94,358              | -                    | -                      |
| Total                  | <u>\$ 2,819,358</u> | <u>-</u>         | <u>\$ 2,819,358</u> | <u>\$ -</u>          | <u>\$ -</u>            |

During the year ended June 30, 2020, the Center entered into a loan agreement with the University related to the refunding of the Series 2012E bonds originally used to finance the construction of the Multidisciplinary Research building for a principal sum of \$10,145,000. The note accrued interest at 5.0% and matured in May of 2024. Interest expense related to this note for the years ended June 30, 2024 and 2023 was \$0 and \$9,981, respectively.

**NOTE 8 – RESEARCH PROJECT EXPENDITURES/REVENUES**

The University has transferred substantially all of its research grants to the administrative control of the Center. The University and Center total sponsored research activity for the years ended June 30, 2024 and 2023 was as follows:

|                                                                     | <u>2024</u>           | <u>2023</u>           |
|---------------------------------------------------------------------|-----------------------|-----------------------|
| <u>University Activity (Unaudited)</u>                              |                       |                       |
| University Research Expenditures                                    | \$ 16,289,884         | \$ 15,870,862         |
| University Indirect Cost                                            | <u>3,681,729</u>      | <u>3,925,952</u>      |
| Total University Activity (Unaudited)                               | 19,971,613            | 19,796,814            |
| <u>Center for Research Expenditures</u>                             |                       |                       |
| Center for Research Expenditures                                    | 156,105,612           | 138,595,127           |
| CARES Act Grant Expenditures                                        | -                     | 2,270,606             |
| ARPA Act Grant Expenditures                                         | 4,323,206             | -                     |
| Center Indirect Cost                                                | <u>33,816,104</u>     | <u>32,106,213</u>     |
| Total Center for Research Expenditures                              | <u>194,244,922</u>    | <u>172,971,946</u>    |
| Total Sponsored Expenditures – University<br>and Center (unaudited) | <u>\$ 214,216,535</u> | <u>\$ 192,768,760</u> |

**NOTE 9 – NET ASSETS**

Net assets with donor restrictions at June 30 are restricted for the following purposes:

|                | <u>2024</u>         | <u>2023</u>         |
|----------------|---------------------|---------------------|
| Dole Institute | \$ 7,581,035        | \$ 7,200,507        |
| Humanities     | <u>1,537,985</u>    | <u>1,445,085</u>    |
|                | <u>\$ 9,119,020</u> | <u>\$ 8,645,592</u> |

The income generated from these assets is to be used for activities relating to the restricted purposes.

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

---

**NOTE 9 – NET ASSETS** (Continued)

Net Assets Released from Restrictions

Net assets were released from donor restrictions by incurring expenses satisfying the restricted purposes or by occurrence of other events specified by donors.

|                | <u>2024</u>       | <u>2023</u>       |
|----------------|-------------------|-------------------|
| Dole Institute | \$ 258,781        | \$ 244,522        |
| Humanities     | <u>50,542</u>     | <u>35,633</u>     |
|                | <u>\$ 309,323</u> | <u>\$ 280,155</u> |

**NOTE 10 – ENDOWMENTS**

The Center's endowments consist of grant-funded and individual donor-restricted funds established for a variety of purposes. As required by GAAP, net assets associated with endowment funds are classified and reported based on the existence or absence of donor-imposed restrictions.

The Center's governing body has interpreted the State of Kansas Prudent Management of Institutional Funds Act ("SPMIFA") as requiring preservation of the fair value of the original gift as of the gift date of the donor-restricted endowment funds absent explicit donor stipulations to the contrary. As a result of this interpretation, the Center classifies as net assets with donor restrictions to be kept in perpetuity as the original value of grants and gifts donated to the permanent endowment, (b) the original value of subsequent gifts to the permanent endowment and (c) accumulations to the permanent endowment made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund.

The remaining portion of donor-restricted endowment funds is classified as net assets with donor restrictions not to be retained in perpetuity until those amounts are appropriated for expenditure by the Center in a manner consistent with the standard of prudence prescribed by SPMIFA.

In accordance with SPMIFA, the Center considers the following factors in making a determination to appropriate or accumulate donor-restricted endowment funds:

1. Duration and preservation of the fund
2. Purposes of the Center and the fund
3. General economic conditions
4. Possible effect of inflation and deflation
5. Expected total return from investment income and appreciation or depreciation of investments
6. Other resources of the Center
7. Investment policies of the Center

---

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

---

**NOTE 10 – ENDOWMENTS** (Continued)

As of June 30, 2024 and 2023, the original corpus value of the endowment was \$5,995,806. The changes in donor-restricted endowment net assets for the years ended June 30, 2024 and 2023 were:

|                                      |                     |
|--------------------------------------|---------------------|
| Endowment net assets, July 1, 2022   | \$ 8,850,143        |
| Investment return, net               | 75,604              |
| Amounts appropriated for expenditure | <u>(280,155)</u>    |
| Endowment net assets, June 30, 2023  | 8,645,592           |
| Investment return, net               | 782,751             |
| Amounts appropriated for expenditure | <u>(309,323)</u>    |
| Endowment net assets, June 30, 2024  | <u>\$ 9,119,020</u> |

The Center has invested the above endowments in pooled funds held and managed by the KU Endowment.

KU Endowment has investment policies that attempt to provide a predictable stream of funding to programs supported by operations, as well as endowment donations. Assets are invested in a manner that is intended to produce results that match or exceed the respective benchmark while also seeking to control investment risk. The primary long-term financial objective of the portfolio managed by KU Endowment is to preserve the real value (purchasing power) of the principal (the gift value) and of its spending distributions, while providing a relatively stable source of funding for participants. Since the program's 1988 inception, Endowment has met its objective though actual returns in any given year may vary from this amount.

Funds with Deficiencies: From time to time, the fair value of assets associated with individual donor restricted endowment funds may fall below the level that the donor or SPMIFA requires the Center to retain as a fund of perpetual duration. There were no such funds with deficiencies as of June 30, 2024 and 2023.

Strategies Employed for Achieving Objectives: To satisfy its long-term rate-of-return objectives, KU Endowment relies on a total return strategy in which investment returns are achieved through both capital appreciation (realized and unrealized) and current yield (interest and dividends net of fees). KU Endowment targets a diversified asset allocation to achieve its long-term return objectives within prudent risk constraints.

Spending Policy and How the Investment Objectives Relate to Spending Policy: Except as specified by the donor, KU Endowment has adopted a constant growth spending policy. The target spending rate is 5.5% of the market value of participating funds, less a 0.9% administrative fee charge by KU Endowment. To avoid potential under-distributions or unsustainable over-distributions in any given year, the policy is subject to a 4.5% "floor" and a 6.5% "cap" of the trailing four quarter average market value. Every month, participating funds receive a distribution. The spending amount is recalculated annually based on values ending September 30 of the year preceding each spending year and is effective for one year beginning February 1 and ending the following January 31. In establishing this policy, KU Endowment considered the long-term expected return on its endowment. Accordingly, over the long term, KU Endowment expects the current spending policy to allow its endowment to grow at an average of the long-term rate of inflation. This is consistent with KU Endowment's objective to maintain the purchasing power of the endowed assets held in perpetuity, as well as to provide additional growth through new gifts.

---

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

**NOTE 11 – RELATED PARTY TRANSACTIONS**

During the years ended June 30, 2024 and 2023, amounts paid by the University (and reimbursed by the Center) for salaries, benefits, scholarships, fellowships, tuition, and other operating expenses amounted to \$137,567,841 and \$125,740,180, respectively. Of these amounts, \$9,323,635 and \$7,925,789 are included in accounts payable and accrued expenses at June 30, 2024 and 2023, respectively.

Grants administered by the Office of Research, an administrative division of the University, have contracts/financial activity in the name of the University. When KUCR service center activity is being paid by the University, KUCR bills the University for the services. Receivables from the University in the amounts of \$4,039,496 and \$3,053,132 are included in accounts receivable at June 30, 2024 and 2023, respectively.

The University provides support to the Center to fund general and administrative salaries and benefits, funds to invest in University programs and certain utility, maintenance, and custodial expenses paid by the University for the benefit of the Center. The following amounts were paid by the University for the years ended June 30, 2024 and 2023:

|                       | <u>2024</u>         | <u>2023</u>         |
|-----------------------|---------------------|---------------------|
| Provost funding:      |                     |                     |
| Salaries and benefits | \$ 3,311,308        | \$ 3,342,267        |
| Utilities             | 64,780              | 70,107              |
| Maintenance           | 32,081              | 28,941              |
| Custodial             | <u>44,734</u>       | <u>41,743</u>       |
|                       | <u>\$ 3,452,903</u> | <u>\$ 3,858,778</u> |

Effective July 1, 2009, the University established a central pool for the payout of vacation leave when faculty or staff resign or terminate employment. The effective rate is 0.45% of eligible payroll as of June 30, 2024 and 2023.

The Center provided support to KU Endowment for departmental benefit in funding research, graduate studies, distinguished professorships, scholarships, and fellowships. The Center received no support for fiscal year 2024. Support of \$81,320 was provided to KU Endowment during the fiscal year 2023.

**NOTE 12 – LEASES**

Non-cancellable leases for facilities used in research projects expire in various years through 2038. These leases generally contain renewal options for periods ranging from one to five years.

Future maturities of lease liabilities as of June 30, 2024 were:

|                |                     |
|----------------|---------------------|
| 2025           | \$ 518,188          |
| 2026           | 271,182             |
| 2027           | 191,823             |
| 2028           | 172,317             |
| 2029           | 173,178             |
| Thereafter     | <u>1,537,517</u>    |
|                | 2,864,205           |
| Less: interest | <u>(727,568)</u>    |
|                | <u>\$ 2,136,637</u> |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

---

**NOTE 12 – LEASES (Continued)**

Rent expense for all operating leases was \$490,565 and \$787,358 for the years ended June 30, 2024 and 2023, respectively.

**NOTE 13 – DEFINED CONTRIBUTION PROGRAM**

All employees working for the Center are University of Kansas employees. The University has a defined contribution pension program covering all staff employees who have worked at the University for more than one year. Participating employees contribute 5.5% of their salary, and the Center contributes an additional 8.5%. Participating employees are fully vested immediately. The Center contributed \$5,890,134 and \$5,185,386 for 2024 and 2023 to the defined contribution pension program for general and administrative salaries, respectively.

**NOTE 14 – COMMITMENTS AND CONTINGENCIES**

The Center is subject to ongoing reviews from granting agencies. Amounts for repayment to awarding agencies, if any, cannot be reasonably estimated and are thus not recorded as a liability in the statement of financial position.

**NOTE 15 – LIQUIDITY AND AVAILABILITY**

The Center's financial assets available within one year of the statement of financial position date for general expenditure are as follows:

|                                                                            | <u>2024</u>           | <u>2023</u>           |
|----------------------------------------------------------------------------|-----------------------|-----------------------|
| Financial assets at year-end:                                              |                       |                       |
| Cash and cash equivalents                                                  | \$ 14,740,217         | \$ 27,542,122         |
| Current investments                                                        | 93,357,197            | 85,852,550            |
| Accounts receivable, net                                                   | 38,806,970            | 30,225,151            |
| Notes receivable, net – current                                            | <u>114,118</u>        | <u>109,466</u>        |
| Total financial assets                                                     | 147,018,502           | 143,729,289           |
| Less amounts not available to be used:                                     |                       |                       |
| Investments held as assets held for others                                 | <u>(7,709,505)</u>    | <u>(8,418,287)</u>    |
| Financial assets available to meet<br>general expenditures within one year | <u>\$ 139,308,997</u> | <u>\$ 135,311,002</u> |

As part of the Center's liquidity management, the Center invests its financial assets to be available as its general expenditures, liabilities, and other obligations come due.

The investments held and managed by the KU Endowment as described in Note 10 are considered donor restricted, long-term investments and are thus excluded from the assets available for general expenditure.

---

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

**NOTE 16 – EXPENSES BY NATURE**

The statements of activities report certain categories of expenses attributable to the program and supporting services functions of the Center.

Personnel related costs are charged based upon actual time incurred for sponsored research or other functions as assigned by department and reimbursed to the University for time incurred.

Other expenses are generally charged directly to the function to which the expenditure applies, though internal service fees charged by service centers for the benefit of sponsored research or other program services are allocated to those functions based upon the actual internal billing of services rendered. Other expenses include items such as utilities, repairs, postage, communications, and other natural categories not considered material for specific disclosure.

The tables on the following page present these functional expenses by their natural classification.

Year ended June 30, 2024:

|                                          | Program Services         |                                                 |                               |                      |                         |                   | Support Services   |                                        |                     | Total                 |
|------------------------------------------|--------------------------|-------------------------------------------------|-------------------------------|----------------------|-------------------------|-------------------|--------------------|----------------------------------------|---------------------|-----------------------|
|                                          | Direct Research Expenses | Capitalized Expenses for Property and Equipment | Research Unit/School Expenses | Service Centers      | Other Programs Services | Interest Expense  | University Support | Research Admin., Unit Support, Startup | Matching Costs      |                       |
| <b>Personnel</b>                         | \$ 62,972,538            | \$ -                                            | \$ 2,134,254                  | \$ 22,118,544        | \$ 877,533              | \$ -              | \$ 247,529         | \$ 8,572,724                           | \$ 501,654          | \$ 97,424,776         |
| <b>Fringe Benefits</b>                   | 14,501,611               | -                                               | 502,167                       | 6,359,444            | 132,282                 | -                 | 31,913             | 2,537,156                              | 106,538             | 24,171,111            |
| <b>Subaward payments</b>                 | 19,639,948               | -                                               | 5,016                         | -                    | -                       | -                 | -                  | -                                      | -                   | 19,644,964            |
| <b>Professional Fees</b>                 | 9,222,370                | -                                               | 257,070                       | 7,083,262            | 786,207                 | -                 | 178,263            | 703,642                                | 27,575              | 18,258,389            |
| <b>Supplies</b>                          | 5,188,302                | -                                               | 544,400                       | 1,775,339            | 145,596                 | -                 | 10,286             | 466,416                                | 134,739             | 8,265,078             |
| <b>Travel and Food</b>                   | 4,436,980                | -                                               | 920,437                       | 923,086              | 124,467                 | -                 | 54,228             | 234,132                                | 44,107              | 6,737,437             |
| <b>Tuition</b>                           | 6,723,772                | -                                               | 100,982                       | 171,652              | 54,522                  | -                 | 84,150             | 161,036                                | 168,828             | 7,464,942             |
| <b>Internal Service Fees (allocated)</b> | 16,648,616               | -                                               | 47,500                        | (16,803,546)         | 40,041                  | -                 | -                  | 16,887                                 | 50,502              | -                     |
| <b>Participant Fees</b>                  | 5,685,367                | -                                               | 65,247                        | 25,230               | (4,136)                 | -                 | -                  | 29,831                                 | 100,410             | 5,901,949             |
| <b>Depreciation</b>                      | 2,440,851                | -                                               | 160,372                       | 613,596              | 8,900                   | -                 | -                  | 828,838                                | -                   | 4,052,557             |
| <b>Equipment and other non-capital</b>   | 7,154,020                | (6,858,373)                                     | 79,295                        | 184,888              | 83,488                  | -                 | 164,609            | 187,553                                | (10,004)            | 985,476               |
| <b>Other Expense</b>                     | 5,814,443                | -                                               | 898,531                       | 223,182              | 348,513                 | -                 | 165,330            | 4,141,488                              | 107,755             | 11,699,242            |
| <b>Interest Expense</b>                  | -                        | -                                               | -                             | -                    | -                       | 150,200           | -                  | -                                      | -                   | 150,200               |
| <b>Total</b>                             | <u>\$ 160,428,818</u>    | <u>\$ (6,858,373)</u>                           | <u>\$ 5,715,271</u>           | <u>\$ 22,674,677</u> | <u>\$ 2,597,413</u>     | <u>\$ 150,200</u> | <u>\$ 936,308</u>  | <u>\$ 17,879,703</u>                   | <u>\$ 1,232,104</u> | <u>\$ 204,756,121</u> |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO FINANCIAL STATEMENTS  
June 30, 2024 and 2023

**NOTE 16 – EXPENSES BY NATURE (Continued)**

Year ended June 30, 2023:

|                                          | Program Services         |                                                 |                               |                      |                         |                   | Support Services   |                                        |                     |                       |
|------------------------------------------|--------------------------|-------------------------------------------------|-------------------------------|----------------------|-------------------------|-------------------|--------------------|----------------------------------------|---------------------|-----------------------|
|                                          | Direct Research Expenses | Capitalized Expenses for Property and Equipment | Research Unit/School Expenses | Service Centers      | Other Programs Services | Interest Expense  | University Support | Research Admin., Unit Support, Startup | Matching Costs      | Total                 |
| <b>Personnel</b>                         | \$ 57,619,970            | \$ -                                            | \$ 1,747,036                  | \$ 18,250,243        | \$ 1,031,133            | \$ -              | \$ 79,083          | \$ 6,970,103                           | \$ 490,466          | \$ 86,188,034         |
| <b>Fringe Benefits</b>                   | 12,988,152               | -                                               | 409,517                       | 5,181,445            | 174,114                 | -                 | 17,515             | 1,943,698                              | 109,815             | 20,824,256            |
| <b>Subaward payments</b>                 | 14,574,395               | -                                               | -                             | -                    | -                       | -                 | -                  | -                                      | -                   | 14,574,395            |
| <b>Professional Fees</b>                 | 6,481,454                | -                                               | 249,075                       | 7,837,987            | 73,926                  | -                 | 146,773            | 467,075                                | 7,100               | 15,263,390            |
| <b>Supplies</b>                          | 5,033,519                | -                                               | 485,603                       | 1,852,572            | 98,795                  | -                 | 3,170              | 487,311                                | 107,775             | 8,068,745             |
| <b>Travel and Food</b>                   | 3,742,271                | -                                               | 559,102                       | 921,496              | 75,843                  | -                 | 55,427             | 174,837                                | 48,516              | 5,577,492             |
| <b>Tuition</b>                           | 6,148,261                | -                                               | 89,238                        | 149,989              | 64,957                  | -                 | 85,715             | 25,607                                 | 182,580             | 6,746,347             |
| <b>Internal Service Fees (allocated)</b> | 19,179,479               | -                                               | 49,382                        | (19,320,785)         | 37,610                  | -                 | -                  | 7,271                                  | 47,043              | -                     |
| <b>Participant Fees</b>                  | 5,812,818                | -                                               | 26,101                        | 53,648               | 48,647                  | -                 | 438                | 16,881                                 | 119,158             | 6,077,691             |
| <b>Depreciation</b>                      | 2,313,249                | -                                               | 139,168                       | 44,228               | 7,698                   | -                 | -                  | 1,283,062                              | -                   | 3,787,405             |
| <b>Equipment and other non-capital</b>   | 3,370,310                | (2,983,335)                                     | 31,647                        | 38,657               | 16,367                  | -                 | 27,968             | 287,743                                | 220,781             | 1,010,138             |
| <b>Other Expense</b>                     | 3,601,855                | -                                               | 918,329                       | 1,985,987            | 337,057                 | -                 | 409,123            | 3,311,107                              | 50,490              | 10,613,948            |
| <b>Interest Expense</b>                  | -                        | -                                               | -                             | -                    | -                       | 214,754           | -                  | -                                      | -                   | 214,754               |
| <b>Total</b>                             | <u>\$ 140,865,733</u>    | <u>\$ (2,983,335)</u>                           | <u>\$ 4,704,198</u>           | <u>\$ 16,995,467</u> | <u>\$ 1,966,147</u>     | <u>\$ 214,754</u> | <u>\$ 825,212</u>  | <u>\$ 14,974,695</u>                   | <u>\$ 1,383,724</u> | <u>\$ 178,946,595</u> |

- - - - - - - -

## **SUPPLEMENTARY INFORMATION**

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                          | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster</b>                                                                                                                                                |                           |                    |                                        |                      |
| <b>Department of Agriculture</b>                                                                                                                                                       |                           |                    |                                        |                      |
| <u>Direct</u>                                                                                                                                                                          |                           |                    |                                        |                      |
| Characterization of Environmental Effects on Mosquito Saliva Composition Using Mass Spectrometry                                                                                       | 10.001                    | 58-3022-3-049      |                                        | 115,324              |
| Modeling Projects to Support and Advance                                                                                                                                               | 10.025                    | AP21VSSP0000C076   |                                        | (954)                |
| Cooperative Agreement to Support Aquaculture Risk Assessment                                                                                                                           | 10.025                    | AP23VSSP0000C100   |                                        | 6,538                |
| Subtotal for AL No. 10.025                                                                                                                                                             |                           |                    |                                        | 5,584                |
| NRI: INT: COLLAB: An autonomous insect Sense, Identify, and Manage Platform                                                                                                            | 10.310                    | 2019-6702-28986    |                                        | (1,389)              |
| NRI: INT: COLLAB: Collaborative Autonomy and Safety for Teamed Human-Unmanned Aircraft Systems in Fast Evolving Wildfire Environment                                                   | 10.310                    | 2019-67021-28992   |                                        | 16,378               |
| Productivity and Soil Fertility Responses to Grassland Plant Diversity: Testing Competing Hypotheses                                                                                   | 10.310                    | 2020-67034-31889   |                                        | 1,840                |
| SiTS: Collaborative Research: Soils are signaling shifts in aggregate life-cycles: What does this mean for water, carbon and climate feedbacks in the Anthropocene?                    | 10.310                    | 2021-67019-34338   |                                        | 46,011               |
| Assessing drivers of above- and belowground community diversity, soil carbon storage, and soil aggregate stability in grassland ecosystems                                             | 10.310                    | 2022-67012-37520   |                                        | 86,391               |
| Irrigation at the new 100th Meridian: Adaptation to manage climate risks and preserve water resources in the Eastern Kansas River Basin                                                | 10.310                    | 2022-67019-37181   |                                        | 230,929              |
| Plant community composition, diversity, and precipitation effects on carbon retention and loss in grassland soils                                                                      | 10.310                    | 2023-67012-40066   |                                        | 92,867               |
| Building better bioinoculants: Using experimental evolution to improve the efficacy of a plant growth-promoting rhizobacteria                                                          | 10.310                    | 2023-67011-40397   |                                        | 45,908               |
| Subtotal for AL No. 10.310                                                                                                                                                             |                           |                    |                                        | 518,935              |
| Mapping populations of Osha (Ligusticum porteri) in the Rio Grande National Forest, Colorado                                                                                           | 10.699                    | 23-CS-11020900-005 |                                        | 7,631                |
| Subtotal: Department of Agriculture- Direct                                                                                                                                            |                           |                    |                                        | 647,474              |
| <u>Passthrough- KANSAS STATE UNIVERSITY</u>                                                                                                                                            |                           |                    |                                        |                      |
| Linking microbiome function and microbial processes to plant genetic diversity in a foundation forage grass across the Great Plains grassland climate gradient: a multi-omics approach | 10.310                    | A21-0128-S002      | 2020-67019-31803                       | 52,116               |
| <u>Passthrough- NATURAL RESOURCES CONSERVATION SERVICE</u>                                                                                                                             |                           |                    |                                        |                      |
| Modeling water quality and in-stream biological endpoints of agricultural conservation in the Mississippi River Basin                                                                  | 10.902                    | NR203A750023C023   |                                        | 90,205               |
| <u>Passthrough- NORTH CAROLINA STATE UNIVERSITY</u>                                                                                                                                    |                           |                    |                                        |                      |
| Dissecting Molecular Plant-Microbiome Interactions for Improved Drought Tolerance in Maize.                                                                                            | 10.310                    | 2022-0475-01       | 2022-67013-36672                       | 34,958               |
| <u>Passthrough- UNIVERSITY OF CALIFORNIA - DAVIS</u>                                                                                                                                   |                           |                    |                                        |                      |
| Promoting the Purchase to Plate Tools for Food Demand and Diet Quality Research                                                                                                        | 10.250                    | A22-2490-S002      | 58-4000-1-0130                         | 30,206               |
| <u>Passthrough- UNIVERSITY OF CALIFORNIA - SAN FRANCISCO</u>                                                                                                                           |                           |                    |                                        |                      |
| NSF Convergence Accelerator Track J: Network Of User-engaged Researchers building Interdisciplinary Scientific infrastructures for Healthy food (NOURISH)                              | 10.310                    | 15013sc            | 2024-68015-41700                       | 8,895                |
| <u>Passthrough- UNIVERSITY OF FLORIDA</u>                                                                                                                                              |                           |                    |                                        |                      |
| Invasive species as conduits for pathogen spillover between natural and agricultural ecosystems                                                                                        | 10.310                    | SUB00003840        | 2023-67015-40544                       | 27,820               |
| <u>Passthrough- UNIVERSITY OF ILLINOIS - URBANA-CHAMPAIGN</u>                                                                                                                          |                           |                    |                                        |                      |
| Sustaining ecosystem services in agricultural landscapes through a better understanding of decision-support systems                                                                    | 10.310                    | 110491-19243       | 2022-67019-38447                       | 37,600               |
| <u>Passthrough- UNIVERSITY OF MINNESOTA</u>                                                                                                                                            |                           |                    |                                        |                      |
| Developing and deploying a perennial grain crop enterprise to improve environmental quality and rural prosperity                                                                       | 10.310                    | 82890              | 2020-68012-31934                       | 73,049               |
| Robust incentive design for sustainable agricultural systems                                                                                                                           | 10.310                    | P008176605         | 2020-67023-33263                       | 2,288                |
| <u>Passthrough- WICHITA STATE UNIVERSITY</u>                                                                                                                                           |                           |                    |                                        |                      |
| Testing the Effects of Cattle Grazing on CRP Grasslands in Short and Tallgrass Prairie Regions                                                                                         | 10.000                    | R53487-24-00735    | FBC22CPT0012727                        | 7,019                |
| Subtotal: Department of Agriculture- Passthrough                                                                                                                                       |                           |                    |                                        | 364,156              |
| <b>Total: Department of Agriculture</b>                                                                                                                                                |                           |                    |                                        | <b>1,011,630</b>     |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                      | Assistance Listing Number | Identifying Number      | Pass-through Entity Identifying Number | Federal Expenditures  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|----------------------------------------|-----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                                |                           |                         |                                        |                       |
| <b>Department of Commerce</b>                                                                                                                                                      |                           |                         |                                        |                       |
| <u>Direct</u>                                                                                                                                                                      |                           |                         |                                        |                       |
| University Center Program: The University Center will engage in RedTire expansion, entrepreneurial consulting, a venture student incubator and commercialization of STEM research. | 11.303                    | ED18DEN3030031          |                                        | 68,537                |
| Investigating the environmental and genetic cues for jellyfish blooms in the invasive freshwater jellyfish Craspedacusta sowerbii                                                  | 11.417                    | 220201                  | NA22OAR4170100                         | 51,689                |
| Subtotal: Department of Commerce- Direct                                                                                                                                           |                           |                         |                                        | <u>120,226</u>        |
| <u>Passthrough- COLORADO STATE UNIVERSITY</u>                                                                                                                                      |                           |                         |                                        |                       |
| Center for Risk-Based Community Resilience Planning                                                                                                                                | 11.609                    | G-99042-10              | 70NANB20H008                           | 76,783                |
| <u>Passthrough- KANSAS DEPARTMENT OF COMMERCE &amp; HOUSING</u>                                                                                                                    |                           |                         |                                        |                       |
| Digital Equity Asset Mapping                                                                                                                                                       | 11.035                    | none                    |                                        | 25,722                |
| <u>Passthrough- UNIVERSITY CORP FOR ATMOSPHERIC</u>                                                                                                                                |                           |                         |                                        |                       |
| Climate Adaptation Outreach Support                                                                                                                                                | 11.431                    | SUBAWD004731            | NA21OAR4310473                         | 2,778                 |
| <u>Passthrough- UNIVERSITY OF VERMONT</u>                                                                                                                                          |                           |                         |                                        |                       |
| CIROH: Modeling Community Trust: A Collaborative Approach to Scoping Water Forecasting Needs and NOAA Product Use in Indigenous Communities of Northeast Oklahoma                  | 11.432                    | AWD00001629SUB0000 0539 | NA22NWS4320003                         | 22,488                |
| Enhanced Forecast Design Through Experimental Gaming and Social Impact Assessment of Connected River and Floodplains                                                               | 11.432                    | AWD00001143SUB0000 0457 |                                        | 53,736                |
| Subtotal: Department of Commerce- Passthrough                                                                                                                                      |                           |                         |                                        | <u>181,507</u>        |
| <b>Total: Department of Commerce</b>                                                                                                                                               |                           |                         |                                        | <u><b>301,733</b></u> |
| <b>Department of Defense</b>                                                                                                                                                       |                           |                         |                                        |                       |
| <u>Direct</u>                                                                                                                                                                      |                           |                         |                                        |                       |
| Improving regional model representation of cloudy boundary layers across midlatitude synoptic systems in NRL COAMPS                                                                | 12.300                    | N00014-20-1-2519        |                                        | 87,820                |
| Envisioning Data Assimilation for Adaptive Mesh Computational Models and Intermittency                                                                                             | 12.300                    | N000142412218           |                                        | 29,486                |
| Subtotal for AL No. 12.300                                                                                                                                                         |                           |                         |                                        | <u>117,306</u>        |
| Development of a Military-Specific Transdiagnostic Eating-Disorder Survey and Screening Tool in a Nationally Representative Sample of Veterans                                     | 12.420                    | W81XWH1910207           |                                        | 81,992                |
| Targeting RNA-binding protein HuR as a novel therapy for lethal prostate cancer                                                                                                    | 12.420                    | W81XWH2110573           |                                        | 307,160               |
| Assessment of Eating Disorder and Comorbidity Risk and Resilience in a Nationally Representative Sample of Recent Military Enlistees                                               | 12.420                    | HT94252310310           |                                        | 1,046,588             |
| Subtotal for AL No. 12.420                                                                                                                                                         |                           |                         |                                        | <u>1,435,740</u>      |
| Experimental and Simulation Investigations into Novel Mechanisms for the Oxygen Reduction Reaction                                                                                 | 12.431                    | W911NF2210293           |                                        | 124,042               |
| Reinforcement-Learning-based Aerial-Ground Multi-Robot Collaboration with Human-on-the-Loop in Complex Environments                                                                | 12.431                    | W911NF2220207           |                                        | 217,051               |
| Subtotal for AL No. 12.431                                                                                                                                                         |                           |                         |                                        | <u>341,093</u>        |
| Novel 3D Printed Zeolite Passive Samplers Enabling Fast and Reliable Measurements of PFAS in Complex Environmental Matrices (EL-32)                                                | 12.630                    | W912HZ2120046           |                                        | 111,608               |
| Stochastic control for systems with non-Gaussian noise                                                                                                                             | 12.800                    | FA9550-20-1-0336        |                                        | 21,395                |
| Pushing the Limit for Large Eddy Simulation Through a Kinetic Energy and Entropy Preserving FR method, and Mesh Adaptation Based on Machine Learning                               | 12.800                    | FA9550-20-1-0315        |                                        | 104,156               |
| Generalizable Data-Driven Modeling Framework for Understanding and Modeling Turbulent Combustion                                                                                   | 12.800                    | FA9550-23-1-0211        |                                        | 110,624               |
| Coherent Space-Time-Varying Electromagnetic Structures                                                                                                                             | 12.800                    | FA9550-23-1-0267        |                                        | 138,931               |
| GPU and Fast Storage Infrastructure for Massively Parallel Scientific Computing and Reduced Order Modeling                                                                         | 12.800                    | FA9550-23-1-0571        |                                        | 791,778               |
| Subtotal for AL No. 12.800                                                                                                                                                         |                           |                         |                                        | <u>1,166,884</u>      |
| Enabling Spectrally Aware Cognitive RF Sensing                                                                                                                                     | 12.910                    | D23AP00225-00           |                                        | 117,922               |
| Science of Security for Cyber-physical Systems (SCpS)                                                                                                                              | 12.000                    | H98230-18-D-0009        |                                        | (2,858)               |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                             | Assistance Listing Number | Identifying Number         | Pass-through Entity Identifying Number | Federal Expenditures |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                       |                           |                            |                                        |                      |
| <b>Department of Defense (Continued)</b>                                                                                                                  |                           |                            |                                        |                      |
| Enhanced Implementation of K-Scope & ASII Tunnel Detection Analysis Approach Using FWI, Modal Segmentation Methods, and Integrated Multi-Modal Techniques | 12.000                    | W912HZ19C0014              |                                        | 731,206              |
| Navy Applications of Physical MIMO and Waveform Diversity                                                                                                 | 12.000                    | N00014-20-C-1006           |                                        | 15,521               |
| Automated Iceberg Identification Using Machine Learning Imaging Techniques                                                                                | 12.000                    | W913E521C0022              |                                        | 1,859                |
| Improving the Performance of Concrete Dam Infrastructure Through Use of Fiber-Reinforced Polymers                                                         | 12.000                    | W912HZ22C0016              |                                        | 1,204,511            |
| Waveform-Diverse RF Capabilities                                                                                                                          | 12.000                    | N00014-23-C-1053           |                                        | 538,307              |
| Predicable and Scalable Remote Attestation                                                                                                                | 12.000                    | H98230-23-C-0277_Alexander |                                        | 90,714               |
| Vulnerabilities in the Social Attack Surface - How Undermining Norms Affects the Resilience of Critical Social Institutions                               | 12.000                    | H98230-23-C-0277_Symons    |                                        | 45,642               |
| Depth Resolved Algal Bloom Mapping (DRABM) Clinton Lake                                                                                                   | 12.000                    | W9132T24P0003              |                                        | 22,942               |
| Subtotal for AL No. 12.000                                                                                                                                |                           |                            |                                        | 2,647,844            |
| Subtotal: Department of Defense- Direct                                                                                                                   |                           |                            |                                        | 5,938,397            |
| <u>Passthrough- ADAPTIVE METHODS</u>                                                                                                                      |                           |                            |                                        |                      |
| Advanced Sonar Signal Processing                                                                                                                          | 12.000                    | ADM-22-0001                | ADM-22-001                             | 67,076               |
| <u>Passthrough- ALION SCIENCE &amp; TECHNOLOGY</u>                                                                                                        |                           |                            |                                        |                      |
| Foundational Research for EW Operations                                                                                                                   | 12.000                    | P000029662-001             | P000029662                             | 3,042,177            |
| Hangar4F                                                                                                                                                  | 12.000                    | P000044363                 |                                        | 295,888              |
| <u>Passthrough- BLACK RIVER SYSTEMS COMPANY</u>                                                                                                           |                           |                            |                                        |                      |
| Dual-Function Radar Communications Receiver Development and Characterization                                                                              | 12.000                    | 1515-S06                   | FA8650-15-C-1838                       | 2,153                |
| <u>Passthrough- BRIGHAM YOUNG UNIVERSITY</u>                                                                                                              |                           |                            |                                        |                      |
| Understanding Reservoir Sedimentation Sources and Economics in the Kansas River Basin for US Army Corps of Engineers Kansas City District                 | 12.300                    | 23-0605                    | W9126G-23-2-0030                       | 28,690               |
| <u>Passthrough- COLLINS AEROSPACE</u>                                                                                                                     |                           |                            |                                        |                      |
| Master Sponsored Research Agreement No. CW2251607                                                                                                         | 12.000                    | CW2251607                  | HR00111890001                          | 26,653               |
| <u>Passthrough- COMBUSTION RESEARCH AND FLOW TECHNOLOGY INC.</u>                                                                                          |                           |                            |                                        |                      |
| Multiphysics Modeling of Dynamic Combustion Processes                                                                                                     | 12.800                    | 20-C-0325.001/C815         |                                        | 55,471               |
| <u>Passthrough- DEFENSE ENGINEERING CORPORATION</u>                                                                                                       |                           |                            |                                        |                      |
| Waveform Research and Development for Emerging RF Sensing Technologies                                                                                    | 12.000                    | 10343                      | FA8650-20-C-1955                       | 122,413              |
| Multi-Function Emission Characterization with RF Digital Arrays in the Presence of Modeling Errors                                                        | 12.000                    | POJ056                     |                                        | 13,264               |
| <u>Passthrough- IERUS TECHNOLOGIES, INC.</u>                                                                                                              |                           |                            |                                        |                      |
| Optimized Waveforms for X-band Missile-Defense Radars - Phase II                                                                                          | 12.000                    | 2024-KU-001                | HQ0860-24-C-7121 (MDA)                 | 3,730                |
| <u>Passthrough- KANSAS STATE UNIVERSITY</u>                                                                                                               |                           |                            |                                        |                      |
| Applied Research and Innovation Scholarship for Engineering Students in Aerospace, AI, and Cybersecurity (ARISE)                                          | 12.000                    | A24-0214-S001              | HQ0032310007                           | 39,494               |
| <u>Passthrough- MASSACHUSETTS INSTITUTE OF TECHNOLOGY</u>                                                                                                 |                           |                            |                                        |                      |
| Advanced Radar Waveforms & Processing                                                                                                                     | 12.000                    | 7000602805                 | FA8702-15-D-0001                       | 12,405               |
| <u>Passthrough- NEW SOUTH ASSOCIATES</u>                                                                                                                  |                           |                            |                                        |                      |
| NWK Curation FY23-24                                                                                                                                      | 12.000                    | TO 20 - W912P923F0159      |                                        | 9,790                |
| <u>Passthrough- PURDUE UNIVERSITY</u>                                                                                                                     |                           |                            |                                        |                      |
| Distributed Spectrum Scenario Fusion and Compression                                                                                                      | 12.300                    | 13001026-012               | N00014-21-1-2472                       | 56,942               |
| <u>Passthrough- UNIVERSITY OF CALIFORNIA - SAN DIEGO</u>                                                                                                  |                           |                            |                                        |                      |
| Complex Linkages, Ambivalent Ties: Global Security and Economic Interdependence in the 21st Century                                                       | 12.630                    | KR 704373                  | FA9550-21-1-0143                       | 39,334               |
| Economic Interdependence and National Security in the 21st Century                                                                                        | 12.630                    | 703707                     | FA9550-20-1-0145                       | 4,076                |
| <u>Passthrough- UNIVERSITY OF MICHIGAN</u>                                                                                                                |                           |                            |                                        |                      |
| Multi-Fidelity Modeling of Rocket Combustor Dynamics                                                                                                      | 12.800                    | SUBK00016454               | FA9550-17-1-0195                       | 92,686               |
| <u>Passthrough- WRIGHT STATE UNIVERSITY</u>                                                                                                               |                           |                            |                                        |                      |
| National Pathway to Success (NPS)                                                                                                                         | 12.905                    | 671757-1                   | H98230-23-1-0081                       | 11,930               |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                        | Assistance Listing Number | Identifying Number   | Pass-through Entity Identifying Number | Federal Expenditures |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                                  |                           |                      |                                        |                      |
| <b>Department of Defense (Continued)</b>                                                                                                                                             |                           |                      |                                        |                      |
| <u>Passthrough- ZENOLEAP LLC</u>                                                                                                                                                     |                           |                      |                                        |                      |
| Uncooled Quantum Infrared Focal Plane Arrays                                                                                                                                         | 12.000                    | W909MY-21-C-0033-Sub | W909MY-21-C-0033                       | 53,485               |
| Subtotal: Department of Defense- Passthrough                                                                                                                                         |                           |                      |                                        | 3,977,657            |
| <b>Total: Department of Defense</b>                                                                                                                                                  |                           |                      |                                        | <b>9,916,054</b>     |
| <b>Department of the Interior</b>                                                                                                                                                    |                           |                      |                                        |                      |
| <u>Direct</u>                                                                                                                                                                        |                           |                      |                                        |                      |
| Critical Minerals in Pennsylvanian black shales of the US Midcontinent                                                                                                               | 15.073                    | G23AC00093-00        |                                        | 292,108              |
| MT DAK Preservation & Curation of Fossil Vertebrates from the Late Cretaceous Hell Creek Formation                                                                                   | 15.224                    | L22AC00625           |                                        | 274                  |
| Incorporating Climate Uncertainty into Water Allocations in Kansas                                                                                                                   | 15.557                    | R22AP00291-00        |                                        | 48,972               |
| Geologic Mapping in Kansas for FY22                                                                                                                                                  | 15.810                    | G22AC00574-00        |                                        | 315,601              |
| Geologic Mapping in Kansas for FY23                                                                                                                                                  | 15.810                    | G23AC00588-00        |                                        | 386,073              |
| Subtotal for AL No. 15.810                                                                                                                                                           |                           |                      |                                        | 701,674              |
| Preserving Kansas Geologic Data, Documents, Samples, and Aerial Photographs; and Surveying Drill Hole/Core Holdings Relating to Critical Mineral Resources                           | 15.814                    | G22AP00354-02        |                                        | 47,895               |
| Preserving and Inventorying Kansas Geologic Data, Documents, Samples, and Aerial Photographs; and Surveying Drill Hole/Core Holdings Relating to Critical Mineral Resources, FY 2023 | 15.814                    | G23AP00366           |                                        | 150,570              |
| Subtotal for AL No. 15.814                                                                                                                                                           |                           |                      |                                        | 198,465              |
| Maintain and expand existing Kansas-based data services to the NGWMN, 2021-2022                                                                                                      | 15.980                    | G21AC10419           |                                        | 2,946                |
| Long Term Property Curation with the University of Kansas                                                                                                                            | 15.000                    | 140R6022P0002        |                                        | 16,914               |
| Innovative Use of the High-Resolution K (HRK) Logging for Optimizing Dewatering System Designs                                                                                       | 15.000                    | 140R8124P0022        |                                        | 5,370                |
| Subtotal for AL No. 15.000                                                                                                                                                           |                           |                      |                                        | 22,284               |
| Subtotal: Department of the Interior- Direct                                                                                                                                         |                           |                      |                                        | 1,266,723            |
| <u>Passthrough- AMERICAVIEW INC.</u>                                                                                                                                                 |                           |                      |                                        |                      |
| StateView Program Development and Operations for the State of Kansas                                                                                                                 | 15.815                    | AV18-KS-01           | G18AP00077                             | 5,490                |
| StateView Program Development and Operations for the State of Kansas                                                                                                                 | 15.815                    | AV23-KS-01           | G23AP000683                            | 1,212                |
| <u>Passthrough- KANSAS DEPARTMENT OF WILDLIFE AND PARKS</u>                                                                                                                          |                           |                      |                                        |                      |
| Geographic Information System (GIS) & Remote Sensing Support Services                                                                                                                | 15.611                    | CRA-GISFY22-FY24     | F21AF01895-00                          | 169,813              |
| <u>Passthrough- KANSAS STATE HISTORICAL SOCIETY</u>                                                                                                                                  |                           |                      |                                        |                      |
| 2022 Grinter Place State Historic Site (14WY316) Geophysical Survey Contract                                                                                                         | 15.904                    | none                 | Historic Preservation Fund             | 514                  |
| <u>Passthrough- KANSAS WATER RESOURCES INSTITUTE</u>                                                                                                                                 |                           |                      |                                        |                      |
| Herbal medicine for sick ponds: Are native aquatic macrophytes a cheap and easy way to mitigate HABs?                                                                                | 15.805                    | A22-0176-S006        | G21AP10634-00                          | 18,138               |
| Unraveling Spatiotemporal Patterns in Watershed Nutrient and Sediment Yields under Conditions of Ongoing Rapid Crop Conversion using Direct Sampling and Remote Sensing Observations | 15.805                    | A22-0176-S007        | G21AP10634                             | 29,590               |
| Forecasting streamflow and groundwater depletion with deep learning models to sustain Kansan water resources                                                                         | 15.805                    | A22-0176-S005        | G21AP10634                             | 30,613               |
| <u>Passthrough- SOUTHWEST KANSAS GROUNDWATER MANAGEMENT, DISTRICT #3</u>                                                                                                             |                           |                      |                                        |                      |
| Water Use and Climate Evaluation Service to Irrigators for Drought Resiliency in Southwest Kansas                                                                                    | 15.514                    | 25421                |                                        | 17,776               |
| Subtotal: Department of the Interior- Passthrough                                                                                                                                    |                           |                      |                                        | 273,146              |
| <b>Total: Department of the Interior</b>                                                                                                                                             |                           |                      |                                        | <b>1,539,869</b>     |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                      | Assistance Listing Number | Identifying Number       | Pass-through Entity Identifying Number   | Federal Expenditures |
|----------------------------------------------------------------------------------------------------|---------------------------|--------------------------|------------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                |                           |                          |                                          |                      |
| <b>Department of Justice</b>                                                                       |                           |                          |                                          |                      |
| <u>Direct</u>                                                                                      |                           |                          |                                          |                      |
| Kansas Law Enforcement Accreditation Program (KLEAP)                                               | 16.710                    | 15JCOPS-21-GK-02540-SPPS |                                          | 6,778                |
| Rural Law Enforcement Training                                                                     | 16.753                    | 15PBJA-22-GG-00130-BRND  |                                          | 465,179              |
| Subtotal: Department of Justice- Direct                                                            |                           |                          |                                          | 471,957              |
| <b>Total: Department of Justice</b>                                                                |                           |                          |                                          | <b>471,957</b>       |
| <b>Department of State</b>                                                                         |                           |                          |                                          |                      |
| <u>Passthrough- WORLD LEARNING INC.</u>                                                            |                           |                          |                                          |                      |
| Race, History, & Health in African and African Diasporic Communities                               | 19.009                    | IDEAS22-XXXX             | SECAGD22CA0052                           | 24,523               |
| Subtotal: Department of State- Passthrough                                                         |                           |                          |                                          | 24,523               |
| <b>Total: Department of State</b>                                                                  |                           |                          |                                          | <b>24,523</b>        |
| <b>Department of Transportation</b>                                                                |                           |                          |                                          |                      |
| <u>Direct</u>                                                                                      |                           |                          |                                          |                      |
| Master Agreement - Center of Excellence for Unmanned Aircraft Systems FAA Cooperative Agreement    | 20.109                    | 15-C-UAS-KU-019          |                                          | 478,079              |
| A68 - Validate Small Unmanned Aircraft System (UAS) Detect and Avoid (DAA) Well-Clear Requirements | 20.109                    | TO-A68                   |                                          | 83,197               |
| Subtotal for AL No. 20.109                                                                         |                           |                          |                                          | 561,276              |
| Improved Detailing in Steel Bridges to Prevent Constraint-induced Fracture                         | 20.000                    | 693JJ321C000026          |                                          | 87,189               |
| Innovative Practices to Educate Bridge Engineering Practitioners                                   | 20.000                    | 693JJ321C000025          |                                          | 8,951                |
| Subtotal for AL No. 20.000                                                                         |                           |                          |                                          | 96,140               |
| Subtotal: Department of Transportation- Direct                                                     |                           |                          |                                          | 657,416              |
| <u>Passthrough- IOWA DEPARTMENT OF TRANSPORTATION</u>                                              |                           |                          |                                          |                      |
| Phase III Iowa Pore Index: Morphometric Properties of Aggregates                                   | 20.205                    | 20-SPR1-003              |                                          | 22,342               |
| <u>Passthrough- IOWA STATE UNIVERSITY</u>                                                          |                           |                          |                                          |                      |
| Robust Wireless Skin Sensor Networks for Long-term Fatigue Crack Monitoring of Bridges             | 20.205                    | 022355B                  |                                          | 41,547               |
| <u>Passthrough- KANSAS DEPARTMENT OF TRANSPORTATION</u>                                            |                           |                          |                                          |                      |
| Purchase of Pavement marking Retroreflectorometer                                                  | 20.200                    | 215-23 RE-0884-01        |                                          | 10,000               |
| Construction of Low-Cracking High-Performance Bridge Decks Incorporating New Technology - 2019     | 20.205                    | RE-0778-01               |                                          | 3,707                |
| Technical Services for the Kansas Rural Transit Assistance Program (RTAP) FY2023                   | 20.509                    | PT-0511-43               |                                          | 12,653               |
| <u>Passthrough- MODJESKI MASTERS</u>                                                               |                           |                          |                                          |                      |
| Assessment of Ultra-High Toughness Steel for Highway Bridges                                       | 20.205                    | NONE                     | 693JJ321C000029                          | 54,536               |
| <u>Passthrough- OK DEPARTMENT OF TRANSPORTATION</u>                                                |                           |                          |                                          |                      |
| Bond Behavior of Epoxy Coated Reinforcing Bars in Non-proprietary UHPC                             | 20.200                    | SPR ITEM 2290            | Highway Research and Development Program | 33,925               |
| Effectiveness of Magnesium-Alumino-Liquid Phosphate-Based Concrete as a Repair Material            | 20.200                    | 2317-SPRY-0010           |                                          | 128,948              |
| <u>Passthrough- TEXAS A&amp;M RESEARCH FOUNDATION</u>                                              |                           |                          |                                          |                      |
| Placement of PANDA-AP (Pavement Analysis using Nonlinear Damage Approach for Airports)             | 20.106                    | M2000379                 | 692M15-19-T-000027                       | 51,159               |
| <u>Passthrough- UNIVERSITY OF NEBRASKA - LINCOLN</u>                                               |                           |                          |                                          |                      |
| University Transportation Centers Open Competition                                                 | 20.701                    | 25-1121-0005-151         | 69A3551747107                            | 451,053              |
| Mid-America Transportation Center for Transportation Safety and Equity (MATC-TSE)                  | 20.701                    | 25-1121-3002-101         | 69A3552348307                            | 144,171              |
| Subtotal: Department of Transportation- Passthrough                                                |                           |                          |                                          | 954,041              |
| <b>Total: Department of Transportation</b>                                                         |                           |                          |                                          | <b>1,611,457</b>     |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                            | Assistance Listing Number | Identifying Number  | Pass-through Entity Identifying Number     | Federal Expenditures |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------|--------------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                                      |                           |                     |                                            |                      |
| <b>Department of the Treasury</b>                                                                                                                                                        |                           |                     |                                            |                      |
| <u>Passthrough- JOHNSON COUNTY, KANSAS</u>                                                                                                                                               |                           |                     |                                            |                      |
| Johnson County Coronavirus State and Local Fiscal Recovery Funds Subrecipient Grant Agreement – Workforce Development                                                                    | 21.027                    | none                | Coronavirus State and Local Recovery Funds | 1,026,729            |
| <u>Passthrough- WYANDOTTE COUNTY HEALTH DEPARTMENT</u>                                                                                                                                   |                           |                     |                                            |                      |
| ARPA Fiscal Recovery Funds: Expansion of Community Health Workers through the REVIVE Hospital-Based Violence Prevention Program with the University of Kansas and Collaborative Partners | 21.027                    | none                | ARPA                                       | 20,853               |
| Subtotal: Department of the Treasury- Passthrough                                                                                                                                        |                           |                     |                                            | 1,047,582            |
| <b>Total: Department of the Treasury</b>                                                                                                                                                 |                           |                     |                                            | <b>1,047,582</b>     |
| <b>National Aeronautics and Space Administration</b>                                                                                                                                     |                           |                     |                                            |                      |
| <u>Direct</u>                                                                                                                                                                            |                           |                     |                                            |                      |
| Controls on Iceberg Distribution Around Greenland                                                                                                                                        | 43.001                    | NNX16AJ90G          |                                            | 72                   |
| What Shapes the Passive Galaxy Population in Distant Clusters? Understanding the Role of Quenching and Merging with a Spitzer Archival Study                                             | 43.001                    | 80NSSC19K0592       |                                            | 20,968               |
| AGILE: Advanced enerGetic ion eLectron tElescope                                                                                                                                         | 43.001                    | 80NSSC19K0714       |                                            | 26,678               |
| Global Satellite-Based Prediction of Drought Evolution                                                                                                                                   | 43.001                    | 80NSSC20K1799       |                                            | 102,918              |
| A feasibility study of Raman optical activity for the detection and discrimination of chiral biological compounds for planetary science instrumentation                                  | 43.001                    | 80NSSC20K1093       |                                            | 39,462               |
| Operational Multichannel Snow Radar for Swath Mapping of Snow Layers on Ice Sheets, Sea Ice, and Land                                                                                    | 43.001                    | 80NSSC20K1242       |                                            | 38,630               |
| Probing Quenching in the Cosmic Web using Spatially-Resolved Star Formation Maps from WISE and GALEX                                                                                     | 43.001                    | 80NSSC21K0641       |                                            | 43,596               |
| How much do AGN host galaxies contribute to cosmic star formation?                                                                                                                       | 43.001                    | 80NSSC22K1594       |                                            | 36,047               |
| Managing Temporal Trade Offs through Irrigation and Yield Forecasting to Advance Groundwater Conservation                                                                                | 43.001                    | 80NSSC22K1276       |                                            | 30,769               |
| Lifting the Veil: An Open Source Haze Model for Exoplanet Atmospheric Characterization (JWST3207)                                                                                        | 43.001                    | JWST-AR-03207.002-A |                                            | 18,033               |
| Subtotal for AL No. 43.001                                                                                                                                                               |                           |                     |                                            | 357,173              |
| Development of an integrated system for cell analysis and profiling by capillary electrophoresis-mass spectrometry                                                                       | 43.012                    | 80NSSC20K1208       |                                            | 56,077               |
| Subtotal: National Aeronautics and Space Administration- Direct                                                                                                                          |                           |                     |                                            | 413,250              |
| <u>Passthrough- AMHERST COLLEGE</u>                                                                                                                                                      |                           |                     |                                            |                      |
| Multipass and tomography enabled data products for subsurface characterization and ice sheet model refinement                                                                            | 43.001                    | GRT00206-K1         | 80NSSC21K0753                              | 2,539                |
| <u>Passthrough- CORNELL UNIVERSITY</u>                                                                                                                                                   |                           |                     |                                            |                      |
| Oceans Across Space and Time                                                                                                                                                             | 43.001                    | 142075-21982        | 80NSSC22K1409                              | 51,924               |
| <u>Passthrough- DARCCORPORATION</u>                                                                                                                                                      |                           |                     |                                            |                      |
| Learning Autopilot Systems for Unmanned Aerial Systems                                                                                                                                   | 43.000                    | 22952               | 80NSSC19C0102                              | 176                  |
| <u>Passthrough- FARADAY TECHNOLOGY INC.</u>                                                                                                                                              |                           |                     |                                            |                      |
| Extraction and Utilization of Water and Gases from Icy Lunar Regolith                                                                                                                    | 43.000                    | SC4027087-440001-46 | 80NSSC23PB429                              | 15,347               |
| <u>Passthrough- JET PROPULSION LAB - CALIFORNIA TECHNOLOGY</u>                                                                                                                           |                           |                     |                                            |                      |
| Isotopic Abundances of JWST's Terrestrial Exoplanet Host Stars                                                                                                                           | 43.001                    | 1652699             |                                            | 1,294                |
| Uniform Stellar Abundances of JWST Exoplanet Hosts and TKS^2: TESS-Keck Stellar Spectroscopy                                                                                             | 43.001                    | 1659480             |                                            | 12                   |
| Spin-Orbit Alignment of a 2.6 R_E sub-Neptune Orbiting a V = 6.9 mag Star & Diving in: Confirming small planets in the APF deep field with NEID                                          | 43.001                    | 1670437             |                                            | 6,025                |
| TESS Planet Validation with AO Imaging VII                                                                                                                                               | 43.001                    | 1682064-B-4.25      |                                            | 4,559                |
| NASA/Keck: Go Long: Wide Companions in Short-Period Exoplanet Systems                                                                                                                    | 43.001                    | 1690109             |                                            | 4,232                |
| 2023A Keck/NIRC2: TESS Planet Validation with AO Imaging VIII                                                                                                                            | 43.001                    | 1690158             |                                            | 4,576                |
| Revealing Gas Flows in High-Redshift Cluster Galaxies - PID 96/2023B_N201                                                                                                                | 43.001                    | 1699004             |                                            | 12,638               |
| Follow-up and Validation of TESS Planets with Keck AO Imaging IX - Polanski                                                                                                              | 43.000                    | 1699122             |                                            | 9,849                |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                | Assistance Listing Number | Identifying Number      | Pass-through Entity Identifying Number | Federal Expenditures |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                          |                           |                         |                                        |                      |
| <b>National Aeronautics and Space Administration (Continued)</b>                                                                                                             |                           |                         |                                        |                      |
| A rare test of planet formation models: the obliquity of the 540-day transiting giant planet HIP 41378 f                                                                     | 43.000                    | 1708288                 |                                        | 1,525                |
| <u>Passthrough- MISSISSIPPI STATE UNIVERSITY</u>                                                                                                                             |                           |                         |                                        |                      |
| Spectrum Management Framework for Unmanned Aerial Systems and Traffic Management in BVLOS: From Assessment to Modeling and Analysis                                          | 43.000                    | 193700.361561.01        | 08078 80NSSC20M0261                    | 112,501              |
| <u>Passthrough- NASA GODDARD SPACE CENTER</u>                                                                                                                                |                           |                         |                                        |                      |
| Cryospheric Uncrewed-Aerial-System Experiment                                                                                                                                | 43.001                    | 80NSSC22K1935           |                                        | 317,904              |
| <u>Passthrough- SOUTHWEST RESEARCH INSTITUTE</u>                                                                                                                             |                           |                         |                                        |                      |
| Microhabitable Environments in Ice                                                                                                                                           | 43.001                    | Q99048JA                | 80NSSC22K004                           | 51,781               |
| <u>Passthrough- SPACE TELESCOPE SCIENCE INSTITUTE</u>                                                                                                                        |                           |                         |                                        |                      |
| The Life and Death of Ultra-Hot Jupiter WASP-12b                                                                                                                             | 43.001                    | HST-GO-16236.002-A      |                                        | 1,847                |
| PRIMER: Public Release IMagining for Extragalactic Research                                                                                                                  | 43.001                    | JWST-GO-01837.062-A     | NAS5-03127                             | 17,514               |
| MEGA Mass Assembly at Cosmic Noon: MIRI EGS Galaxy and AGN Survey -JWST-GO Proposal 03794                                                                                    | 43.001                    | JWST-GO-03794.001-A     | 21-ASTRO21-0087                        | 11,600               |
| Revealing our past faux PAHs: unveiling the hidden drivers of ISM conditions at cosmic noon JWST-GO-04192.003                                                                | 43.001                    | JWST-GO-04192.003-A     | NAS5-26555                             | 2,811                |
| Toward a Spatially-resolved Kennicutt-Schmidt Law in High-redshift Cluster Galaxies: the Interplay Between Molecular Gas, Star Formation, and Stellar Mass with ALMA and HST | 43.012                    | HST-GO-16300.004-A      |                                        | 8,282                |
| Exploring the Demographics of Exo-Neptunes: Atmospheric Characterization of a Cool Sub-Neptune from TESS                                                                     | 43.000                    | HST-GO-16181.002-A      |                                        | 192                  |
| Obscured CANDELS: Disentangling Obscuration around Supermassive Black Holes in the Distant Universe                                                                          | 43.000                    | HST-AR-16137.006-A      |                                        | 22,156               |
| Illuminating the AGN-Galaxy Connection with JWST: AGN Host Demographics During the Era of Galaxy Assembly                                                                    | 43.000                    | JWST-AR-02446.012-A     | nAS5-03127                             | 14,668               |
| Revealing Low Luminosity Active Galactic Nuclei (ReveaLLAGN)                                                                                                                 | 43.000                    | JWST-GO-02016.014-A     | NAAS5-03127                            | 14,429               |
| The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment (17192)                                                                                    | 43.000                    | HST-GO-17192.014-A      | NAS5-26555                             | 15,386               |
| Clouds or Chemistry?: Pinpointing the drivers of variability across the L/T transition via the benchmark L/T binary WISE 1049AB (JWST2965)                                   | 43.000                    | JWST-GO-02965.002-A     | NAS5-26555                             | 4,353                |
| <u>Passthrough- UNIVERSITIES SPACE RESEARCH ASSOCIATION (USRA)</u>                                                                                                           |                           |                         |                                        |                      |
| A Hot Meal: Mapping the Molecular H2 Feeding the Milk Way's Supermassive Black Hole                                                                                          | 43.001                    | 09-0205                 | NNA17BF53C                             | 35,464               |
| <u>Passthrough- UNIVERSITY OF CALIFORNIA SANTA CRUZ (UCSC)</u>                                                                                                               |                           |                         |                                        |                      |
| Follow the Volatiles: Tracing chemical species relevant to habitability from proto-planetary disks to exoplanet atmospheres                                                  | 43.001                    | A21-0406-S003           | 80NSSC21K0597                          | 30,286               |
| <u>Passthrough- UNIVERSITY OF CHICAGO</u>                                                                                                                                    |                           |                         |                                        |                      |
| The Payload for Ultrahigh Energy Observations (PUEO): A Long-duration Balloon-borne Instrument for Particle Astrophysics at the Highest Energies                             | 43.001                    | AWD101921 (SUB00000468) | 80NSSC21M0116                          | 132,654              |
| <u>Passthrough- UNIVERSITY OF COLORADO</u>                                                                                                                                   |                           |                         |                                        |                      |
| Participation in NASA Mars Atmosphere and Evolution mission                                                                                                                  | 43.000                    | 1546525                 | NNH1OCCO4C                             | 239,731              |
| <u>Passthrough- UNIVERSITY OF MASSACHUSETTS - AMHERST</u>                                                                                                                    |                           |                         |                                        |                      |
| Characterizing future changes in glacier melt, snow melt, and regional runoff to inform adaptation decisions in high mountain dependent economies                            | 43.001                    | 20-015928-A-03          | 80NSSC20K1299                          | 45,356               |
| <u>Passthrough- UNIVERSITY OF OKLAHOMA</u>                                                                                                                                   |                           |                         |                                        |                      |
| Analysis of TRMM-GPM Observations to Improve Our Process-Level Understanding and Modeling of Latent Heating in Tropical Easterly Waves                                       | 43.008                    | 2019-65                 | 80NSSC19K0720                          | 5,275                |
| <u>Passthrough- UNIVERSITY OF WASHINGTON</u>                                                                                                                                 |                           |                         |                                        |                      |
| Fjord systems, marine mammals, and subsistence hunting in East Greenland                                                                                                     | 43.001                    | UWSC12177               | 80NSSC20K1361                          | 82,209               |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                     | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                               |                           |                    |                                        |                      |
| <b>National Aeronautics and Space Administration (Continued)</b>                                                                                  |                           |                    |                                        |                      |
| <u>Passthrough- WICHITA STATE UNIVERSITY</u>                                                                                                      |                           |                    |                                        |                      |
| Artificial Intelligence Assisted Spacecraft Trajectory Optimization and Planning                                                                  | 43.008                    | R52638-21-00689    | 80NSSC20M0217                          | 21,624               |
| KSC Exploration Systems and Development: Moon to Mars - Gas Separation Processes for High Purity Methane Production                               | 43.008                    | R52931-22-0272     | 80NSSC21M0161                          | 5,357                |
| Multifunctional Ceramics for Space and Aircraft Applications                                                                                      | 43.008                    | R53435-23-01144    |                                        | 84,848               |
| SRI: Enhancing Sustainability and Resilience of Solid-State Battery Systems for Space Exploration via Precision Prognostics and Health Management | 43.008                    | R53187-23-00161    | 80NSSC22M0028                          | 10,152               |
| Experimental Measurement of Granular Flow Free Colling in Microgravity                                                                            | 43.008                    | R534342300661      | NNH227HA002C                           | 62,651               |
| Kansas National Space Grant College and Fellowship Program - Opportunities in NASA STEM FY 2020-2024                                              | 43.008                    | R52545-23-00341    | 80NSSC20M0109                          | 33,696               |
| 23-2023EPSCoR-0022, Physics-Informed-AI Enabled Smart Electrospinning of Nanofiber Membranes Towards In-Space Manufacturing                       | 43.008                    | R53642-23-01787    | 80NSSC23M0100                          | 69,161               |
| Anytime Perception and Control for Intelligent and Safe Advanced Air Mobility                                                                     | 43.008                    | R53187-23-01410    | 80NSSC22M0028                          | 18,339               |
| High-Fidelity System Identification and Simulation of UAS/UAM Vehicles                                                                            | 43.008                    | R53187-23-01419    | 80NSSC22M0028                          | 14,357               |
| Kansas National Space Grant College and Fellowship Program 2023                                                                                   | 43.008                    | R52547-23-01803    | 80NSSC20M0109                          | 63,586               |
| Enhancing DEI through rich, street level data: How user stories can reveal gaps and alignment between stated goals and student experience         | 43.008                    | R52545-24-00503    | 80NSSC20M0109                          | 48,527               |
| Developing NASA partnerships for a Space Fungal Ecology Program                                                                                   | 43.012                    | R531872300142      |                                        | 8,945                |
| Subtotal: National Aeronautics and Space Administration- Passthrough                                                                              |                           |                    |                                        | 1,722,338            |
| <b>Total: National Aeronautics and Space Administration</b>                                                                                       |                           |                    |                                        | <b>2,135,588</b>     |
| <b>Institute of Museum and Library Services</b>                                                                                                   |                           |                    |                                        |                      |
| <u>Direct</u>                                                                                                                                     |                           |                    |                                        |                      |
| Impact of the Quality of Music Programs on the Overall School Climate in High Schools                                                             | 45.024                    | 1909596-38-23      |                                        | 23,485               |
| Advancing Research Collaboration in the Humanities                                                                                                | 45.130                    | CH-50951           |                                        | 425,000              |
| Humanities Challenge Project II                                                                                                                   | 45.130                    | CH-20811           |                                        | 521,125              |
| Subtotal for AL No. 45.130                                                                                                                        |                           |                    |                                        | 946,125              |
| Black Book Interactive Project III                                                                                                                | 45.149                    | PW-277575-21       |                                        | 83,667               |
| Subtotal: Institute of Museum and Library Services- Direct                                                                                        |                           |                    |                                        | 1,053,277            |
| <b>Total: Institute of Museum and Library Services</b>                                                                                            |                           |                    |                                        | <b>1,053,277</b>     |
| <b>National Science Foundation</b>                                                                                                                |                           |                    |                                        |                      |
| <u>Direct</u>                                                                                                                                     |                           |                    |                                        |                      |
| FEWtutes: Innovation Analysis Framework for Resilient Futures, with Application to the Central Arkansas River Basin                               | 47.041                    | CBET-1856084       |                                        | 465,257              |
| CAREER: Advanced Thermal Management of Lithium-Ion Battery Packs: Combining Physics-Based and Machine Learning Models toward High Thermal Safety  | 47.041                    | CMMI-1847651       |                                        | 91,532               |
| CAREER: Quantification of the kinetic energy of particles in complex flows using magnetic particle tracking                                       | 47.041                    | CBET-1944187       |                                        | 11,508               |
| CAREER: Spectrokinetic Studies for Understanding Metal-Support Interactions in Catalytic Oxidation of Ethanol                                     | 47.041                    | CBET-1847655       |                                        | 73,458               |
| Assessing the Influence of Hazard Mitigation Planning on Disaster Recovery                                                                        | 47.041                    | CMMI-1760183       |                                        | 18,183               |
| Engineering the Ionic Polymer Phase-Fluid Interface of the PEM Fuel Cell Catalyst Layer for Higher Performance                                    | 47.041                    | CBET-1803058       |                                        | (170)                |
| CAREER: Integrated Modeling of Hazard Mitigation Stakeholder Networks for Compassionate, Sustainable Risk Reduction                               | 47.041                    | CMMI-1751696       |                                        | 76,544               |
| CAREER: Thermo-responsive absorbent with selective absorption for miscible liquids separation                                                     | 47.041                    | CBET-1944314       |                                        | 44,226               |
| CAREER: Assessing the Role of Buildings and Organizations in Community Disaster Resilience                                                        | 47.041                    | CMMI-1847373       |                                        | 90,867               |
| PFI-RP: Development of Continuous Process Concepts for Upgrading Lignin in Biorefineries                                                          | 47.041                    | IIP-1919267        |                                        | 97,352               |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                   | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                             |                           |                    |                                        |                      |
| <b>National Science Foundation (Continued)</b>                                                                                                                                  |                           |                    |                                        |                      |
| Collaborative Research: Development and Application of a Molecular an Process Design Framework for the Separation of Hydrofluorocarbo Mixtures                                  | 47.041                    | CBET-1917480       |                                        | 37,293               |
| EFRI DChEM: Next-generation Low Global Warming Refrigerants                                                                                                                     | 47.041                    | EFMA-2029354       |                                        | 504,312              |
| Manipulating Mycorrhizal Fungi: Plant Symbionts in Organic Agriculture                                                                                                          | 47.041                    | IIP-2016549        |                                        | 16,091               |
| Planning Grant: Engineering Research Center for Environmentally Applied Refrigerant Technology Hub (EARTH)                                                                      | 47.041                    | 2123852            |                                        | 38,717               |
| RET Site: Inquiry Driven Engineering Activities using Bioengineering Examples (IDEA-BioE)                                                                                       | 47.041                    | EEC-2055716        |                                        | 141,980              |
| Team Iconium - Environmentally Applied Research Towards Hydrofluorocarbons                                                                                                      | 47.041                    | 2140448            |                                        | 2,093                |
| The Kansas University Refrigerant Ionic liquid SEparation (KU-RISE)                                                                                                             | 47.041                    | 2213965            |                                        | 131,612              |
| CAREER: Thermal proteome profiling applications for in-situ bioreporting of contaminant degradation in soils                                                                    | 47.041                    | 2237889            |                                        | 65,926               |
| Collaborative Research: CDS&E: An Experimentally Validated, Interactive, Data-enabled Scientific Computing Platform for Cardiac Tissue Ablation Characterization and Monitoring | 47.041                    | 2245153            |                                        | 22,751               |
| REU SITE: IDEA Incubator for Porous Materials: Integrating Discovery, Engineering and Art                                                                                       | 47.041                    | EEC-2243816        |                                        | 151,872              |
| Collaborative Research: Can Human-Induced Turbidity Currents Enable Sustainability of Freshwater Reservoirs?                                                                    | 47.041                    | 2317834            |                                        | 28,846               |
| Collaborative Research: Supporting the Whole Student: Identifying and Mitigating Barriers to Persistence for Underserved Post-Traditional Engineering Students                  | 47.041                    | EEC-2321391        |                                        | 15,765               |
| Design and Synthesis of Atomically Tunable Memristors                                                                                                                           | 47.041                    | 2314401            |                                        | 84,092               |
| Subtotal for AL No. 47.041                                                                                                                                                      |                           |                    |                                        | 2,210,107            |
| CAREER: First Principles Evaluation of Optical Activity in Solids                                                                                                               | 47.049                    | CHE-1650942        |                                        | 8,288                |
| Ultrafast Dynamics of Highly Excited Molecules in the Condensed Phase                                                                                                           | 47.049                    | CHE-1956387        |                                        | 117,154              |
| Design of oligozulene-based organometallics for probing new paradigms in charge delocalization, transport, and storage at the nanoscopic scale                                  | 47.049                    | CHE-1808120        |                                        | 13,722               |
| CAREER: New frontiers for Frobenius, singularity theory, differential operators, and local cohomology                                                                           | 47.049                    | DMS-1945611        |                                        | 130,329              |
| Periodic KPZ Universality                                                                                                                                                       | 47.049                    | DMS-1953687        |                                        | 43,810               |
| Collaborative Research: Extreme Starbursts and Outflows: The Formation of Massive Compact Galaxies                                                                              | 47.049                    | AST-1814159        |                                        | 1,465                |
| Geometric and Electronic Structure Contributions to Bond-breaking and Bond-making Reactions of Mid-valent Manganese-Oxygen Complexes                                            | 47.049                    | CHE-1900384        |                                        | 10,556               |
| Broadband Two-Photon Absorption Spectroscopy for High-Repetition Rate Lasers                                                                                                    | 47.049                    | CHE-1905334        |                                        | 12,914               |
| Collaborative Research: Beyond the Bulk Flow: Developing More Powerful Analysis Methods to Test Consistency of Large-scale Flows with the Standard Cosmological Model           | 47.049                    | AST-1907404        |                                        | 39,491               |
| A study of hypersurfaces in general position inspired by Frobenius                                                                                                              | 47.049                    | DMS-1902321        |                                        | 32,085               |
| Collaborative Research: WoU-MMA: The Radar Echo Telescope for Cosmic Rays and Neutrinos: Toward a Transformative Technology for Neutrino Detection                              | 47.049                    | PHY-2012989        |                                        | 16,826               |
| Engineering interfaces for high-performance oxide superconductor nanocomposite films                                                                                            | 47.049                    | DMR-1909292        |                                        | 61,821               |
| CAREER: Probing the High Energy Frontier with the CMS Experiment                                                                                                                | 47.049                    | PHY-1945038        |                                        | 286,883              |
| REU Site: A Summer Experience for Undergraduates Integrating Research, Education, and Career Development in an Interdisciplinary Environment                                    | 47.049                    | CHE-1950293        |                                        | 113,755              |
| Large Solutions for Systems of Hyperbolic Conservation Laws and Wave Equations in One and Multiple Space Dimensions                                                             | 47.049                    | DMS-2008504        |                                        | 66,583               |
| Collaborative Research: WoU-MMA. Extreme Quantum-Electrodynamical and General-Relativistic Plasma Physics                                                                       | 47.049                    | PHY-2010109        |                                        | 100,614              |
| <b>Research and Development Cluster (Continued)</b>                                                                                                                             |                           |                    |                                        | -                    |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                     | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>National Science Foundation (Continued)</b>                                                                                                                                    |                           |                    |                                        | -                    |
| Collaborative Research: WoU-MMA: Askaryan Radio Array: The world's forefront neutrino astrophysics program from 100 PeV                                                           | 47.049                    | PHY-2012951        |                                        | 49,026               |
| Particle Physics at the Energy Frontier with the CMS Experiment                                                                                                                   | 47.049                    | PHY-2013007        |                                        | 364,891              |
| RAPID: COVID-19 Behavior, perception, and control across geographic and economic gradients                                                                                        | 47.049                    | DMS-2028297        |                                        | 5,309                |
| Collaborative Research: Prairie Analysis Seminar 2020-2021                                                                                                                        | 47.049                    | DMS-2034592        |                                        | 1,712                |
| Direct Calculation of Activation Energies and Entropies for Chemical Dynamics                                                                                                     | 47.049                    | 2102656            |                                        | 153,574              |
| Elucidating fundamental factors driving self-assembly with guided interactions in multicomponent enzyme systems using model nanostructured platforms                              | 47.049                    | 2108448            |                                        | 144,431              |
| NSF Accelnet: Inter-American Network of Networks of Quantum Chromo-Dynamics Challenges                                                                                            | 47.049                    | 2114669            |                                        | 59,824               |
| Isotopic and Elemental Abundances in Stars and Planets                                                                                                                            | 47.049                    | AST-2108686        |                                        | 32,117               |
| Controlling exciton dynamics at interfaces using moire potentials                                                                                                                 | 47.049                    | 2109979            |                                        | 84,410               |
| Modulations of Periodic Waves in Applied Mathematics                                                                                                                              | 47.049                    | 2108749            |                                        | 72,102               |
| REU SITE: University of Kansas Physics and Astronomy Research Experiences for Undergraduates                                                                                      | 47.049                    | PHY2149897         |                                        | 119,838              |
| Periodic Coupled Cluster Methods for Optical Activity in Chiral Crystals                                                                                                          | 47.049                    | CHE-2154452        |                                        | 160,315              |
| Properties and Activation Mechanisms of Mn-hydroperoxo and Mn-alkylperoxo Complexes                                                                                               | 47.049                    | 2154955            |                                        | 160,112              |
| Regularity and stability for solutions of quasilinear wave type models with singularities                                                                                         | 47.049                    | DMS-2206218        |                                        | 72,078               |
| Nonlinear Wave Models in Domains with a Boundary                                                                                                                                  | 47.049                    | 2206270            |                                        | 34,808               |
| Collaborative Research: ACES Galactic Center Mass Flow                                                                                                                            | 47.049                    | 2206509            |                                        | 84,791               |
| Collaborative Research: GOing GREEN at High Resolution - Spatially Deconstructing Environmental Quenching over 9 Billion Years                                                    | 47.049                    | AST-2206473        |                                        | 116,246              |
| Catalytic synthesis via small molecule evolution                                                                                                                                  | 47.049                    | 2155003            |                                        | 90,311               |
| Exact Formulas of the KPZ Fixed Point and the Directed Landscape                                                                                                                  | 47.049                    | DMS-2246683        |                                        | 47,946               |
| Planar Capillary Electrophoresis                                                                                                                                                  | 47.049                    | 2247387            |                                        | 99,351               |
| Collaborative Research: WoU - MMA: The Radar Echo Telescope for Cosmic Rays and Neutrinos: Toward a Transformative Technology for Neutrino                                        | 47.049                    | 2306424            |                                        | 180,194              |
| Particle Physics Research with the CMS Experiment                                                                                                                                 | 47.049                    | PHY-2310030        |                                        | 39,140               |
| Helium Recovery Equipment: Acquisition of Helium Recovery and Liquefaction Hardware for the University of Kansas                                                                  | 47.049                    | CHE-2305187        |                                        | 109,330              |
| CAS: Enabling synthesis through small molecule liberation                                                                                                                         | 47.049                    | 2247708            |                                        | 126,820              |
| Collaborative Research: Conference: 2023-2025 Kansas Mathematics Graduate Student Conference                                                                                      | 47.049                    | 2326560            |                                        | 10,619               |
| Stability, uniqueness and existence for solutions of hyperbolic conservation laws and nonlinear wave equations                                                                    | 47.049                    | 2306258            |                                        | 26,732               |
| Collaborative Research: RUI: Tracing Galaxy Quenching in the Cosmic Web With Spatially-Resolved Star-Formation Maps                                                               | 47.049                    | 2308126            |                                        | 36,296               |
| Collaborative Research: WoU-MMA: Askaryan Radio Array: A world-class, forward-looking, and dynamic neutrino astrophysics observatory from 100 PeV                                 | 47.049                    | 2310096            |                                        | 11,218               |
| A study of hypersurface singularities                                                                                                                                             | 47.049                    | 2302685            |                                        | 35,426               |
| Collaborative Research: Planning: FIRE-PLAN: High-Spatiotemporal-Resolution Sensing and Digital Twin to Advance Wildland Fire Science                                             | 47.049                    | 2335568            |                                        | 8,692                |
| Collaborative Research: WoU-MMA: Ultrahigh Energy Neutrinos with the Radio Neutrino Observatory in Greenland                                                                      | 47.049                    | PHY-2310126        |                                        | 5,629                |
| Predicting effects of interannual variability in climate an drought on plant community outcomes resilience and soil carbon using temporally replicated grassland reconstructions. | 47.049                    | DEB-234738         |                                        | 17,531               |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                 | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                           |                           |                    |                                        |                      |
| <b>National Science Foundation (Continued)</b>                                                                                                                                |                           |                    |                                        |                      |
| REU Site: A Summer Experience for Undergraduates Integrating Research, Education, and Career Development in an Interdisciplinary Environment                                  | 47.049                    | 2349329            |                                        | 9,863                |
| Conference: 2024 KUMUNU-ISU Conference one PDE, Dynamical Systems and Applications                                                                                            | 47.049                    | DMS-2349508        |                                        | 16,388               |
| Broadband Two-Photon Absorption Spectroscopy for in situ Measurement and Characterization of Heterogeneous Samples                                                            | 47.049                    | 2404444            |                                        | 4,454                |
| Subtotal for AL No. 47.049                                                                                                                                                    |                           |                    |                                        | 3,647,820            |
| RCN: Facilitating Indigenous Research, Science and Technology (FIRST)                                                                                                         | 47.050                    | PLR-1417767        |                                        | 43,612               |
| Collaborative Research: Mechanisms governing synoptic-scale, rapid cloud dissipation in subtropical marine low clouds                                                         | 47.050                    | AGS-1656237        |                                        | 16,840               |
| Collaborative Research: Topographic controls on Antarctic Ice Sheet grounding line behavior - integrating models and observations                                             | 47.050                    | OPP-1745055        |                                        | (4,214)              |
| Collaborative Research: Filling in the Central Himalayan Seismic Gap: A Structural, Neotectonic, and Paleoseismic Investigation of the Western Nepal Fault System             | 47.050                    | EAR-1827866        |                                        | 7,839                |
| Collaborative Research: Unearthing Antarctica's role in the Late Cretaceous evolution of flowering plants                                                                     | 47.050                    | OPP-1953993        |                                        | 139,636              |
| CAREER: UAS-Based Radar Suite for Sounding and Mapping Glaciers                                                                                                               | 47.050                    | OPP-1848210        |                                        | 85,327               |
| Collaborative Research: Time of Transformation: integrating the dynamic geologic, climatic and biotic systems of North America during the Early to Late Cretaceous transition | 47.050                    | EAR-1925942        |                                        | 114,880              |
| Collaborative Research: What Created the Southern Tibetan Plateau Drainage Divide? Integrated Tectonic and Geomorphic Investigation of the Gangdese Range and Yarlung River   | 47.050                    | EAR-1917706        |                                        | 65,949               |
| Collaborative Research: Dry Rifting In the Albertine-Rhino graben (DRIAR), Uganda                                                                                             | 47.050                    | EAR-2021724        |                                        | 54,149               |
| EarthCube Data Capabilities: Collaborative Proposal: Broadening Community Use and Adoption of StraboSpot                                                                      | 47.050                    | ICER-1928389       |                                        | 167,364              |
| Collaborative Research: EarthChem & SESAR - Data Infrastructure for Geochemistry and Earth Science Samples Communities                                                        | 47.050                    | EAR-1948813        |                                        | 8,470                |
| Collaborative Research: Patterns, causes, and consequences of synchrony in giant kelp populations                                                                             | 47.050                    | OCE02023474        |                                        | 118,915              |
| NSF GEO-NERC: Collaborative Research: Impact of the Plio-Pleistocene Transition on Provenance and Sediment Routing from the Himalaya to the Deep-Sea Bengal Fan               | 47.050                    | OCE-2026898        |                                        | 188,023              |
| Collaborative Research: How roots, regolith, rock and climate interact over decades to centuries - The R3-C Frontier                                                          | 47.050                    | 2121639            |                                        | 88,483               |
| Collaborative Research: Deployment of Seafloor Optical Fiber Strainmeters for the Detection of Slow Slip Events                                                               | 47.050                    | OCE-2127938        |                                        | 109,545              |
| Collaborative Research: EarthCube Capabilities: Open Polar Radar (OPoRa) Software and Service                                                                                 | 47.050                    | 2126503            |                                        | 187,839              |
| Collaborative Research: Machine-enabled modeling of terminus ablation for Greenland's outlet glaciers                                                                         | 47.050                    | 2146703            |                                        | 47,323               |
| Collaborative Research: Catalytic Track: Improving Accuracy and Efficiency of Multicollector Mass Spectrometry                                                                | 47.050                    | 2149083            |                                        | 21,168               |
| Island Biogeography in Deep Time: The Assembly and Demise of a Uniquely Insular Eocene Mammal Fauna                                                                           | 47.050                    | 2141115            |                                        | 124,624              |
| Understanding the formation and impacts of warm-season trans-Atlantic African dust extremes                                                                                   | 47.050                    | 2227707            |                                        | 99,583               |
| OCE-PRF: Uncovering the drivers of marine metapopulation synchrony and resilience under climate change (POSTDOC-VADIM KARATAYEV)                                              | 47.050                    | 2205794            |                                        | 161,087              |
| Collaborative Research: FieldSafe - Changing the Culture of Fieldwork in the Geosciences                                                                                      | 47.050                    | 2307411            |                                        | 5,540                |
| Collaborative Research: Frameworks: Automated Quality Assurance and Quality Control in the StraboSpot Geologic Information System for Observational Data                      | 47.050                    | OAC-2311819        |                                        | 300,782              |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                           | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                     |                           |                    |                                        |                      |
| <b>National Science Foundation (Continued)</b>                                                                                                                          |                           |                    |                                        |                      |
| Collaborative Research: GEO OSE Track 2: Building a multiscale community-led ecosystem for crustal geology through the integration of Macrostrat and StraboSpot         | 47.050                    | 2324580            |                                        | 25,753               |
| Subtotal for AL No. 47.050                                                                                                                                              |                           |                    |                                        | <u>2,178,517</u>     |
| CAREER: Unifying Heterogeneity of Extreme-Scale Cyberinfrastructures for Higher Productivity and Performance Portability                                                | 47.070                    | OAC-1942973        |                                        | 110,615              |
| CDS&E: Collaborative Research: A Computational Framework for Reconstructing and Visualizing Myocardial Active Stresses                                                  | 47.070                    | OAC-1808553        |                                        | 977                  |
| Collaborative Research: Intelligent Solutions for Navigating Big Data from the Arctic and Antarctic                                                                     | 47.070                    | IIS-1838236        |                                        | 33,039               |
| SaTC: CORE: Small: Digital Homelessness in the Heartland: Safeguarding and Enhancing the Experiences of Public Internet Users                                           | 47.070                    | CNS-1946180        |                                        | 43,508               |
| Collaborative Research: CNS Core: Medium: Combating Latency and Disconnectivity in mmWave Networks: From Theory to Implementation                                       | 47.070                    | CNS-1955561        |                                        | 128,709              |
| Collaborative Research: CNS Core: Medium: RUI: Optics without Borders.                                                                                                  | 47.070                    | CNS-1956137        |                                        | 50,031               |
| SCH: INT: Collaborative Research: Privacy-Preserving Federated Transfer Learning for Early Acute Kidney Injury Risk Prediction                                          | 47.070                    | IIS-2014552        |                                        | 95,066               |
| Collaborative Research: CPS: Medium: Real-time Criticality-Aware Neural Networks for Mission-critical Cyber-Physical Systems                                            | 47.070                    | CNS-2038923        |                                        | 95,827               |
| MRI: Acquisition of a High-Performance Computing Cluster for Science and Engineering Research at the University of Kansas                                               | 47.070                    | OAC-2117449        |                                        | 41,207               |
| SCC-CIVIC-FA Track A: Connecting Underrepresented Youths with Employment Opportunities                                                                                  | 47.070                    | 2133384            |                                        | 56,048               |
| CAREER: SATC: Bridging the Gap Between Research and Practice: Automation and Metrics in Security Operation Centers                                                      | 47.070                    | CNS-2143393        |                                        | 101,122              |
| Collaborative Research: CNS Core: Medium: TeTON: A Testbed and a Toolkit for Expediting Investigation of and Accelerating Advancements in All-Optical Neural Networks   | 47.070                    | 2211990            |                                        | 83,179               |
| Collaborative Research: CCRI: Planning-C: Accelerated Infrastructure for Simulating Future Systems                                                                      | 47.070                    | 2213807            |                                        | 13,634               |
| Collaborative Research: NSF-AoF: CNS Core: Small: Towards Scalable an AI-based Solutions for Beyond-5G Radio Access Networks                                            | 47.070                    | 2225577            |                                        | 5,756                |
| CAREER: Near-Memory Datacenter Network                                                                                                                                  | 47.070                    | 2239020            |                                        | 52,052               |
| GOALI: CNS: Medium: Communication-Computation Co-Design for Rural Connectivity and Intelligence under Nonuniformity: Modeling, Analysis, and Implementation             | 47.070                    | 2212565            |                                        | 172,947              |
| Conference: Student Travel Grant Request for IEEE International Symposium on Performance Analysis of Systems and Software                                               | 47.070                    | 2310166            |                                        | 5,768                |
| IMR: MT: AirScope: A Versatile and Programmable UAV Platform for End-to-End Cellular Network Measurements in Rural Environments                                         | 47.070                    | 2323189            |                                        | 19,722               |
| NSF Student Travel Grant for 2023 ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc)                                                       | 47.070                    | 2324567            |                                        | 17,804               |
| Collaborative Research: EAGER: AI-Assisted Just-in-Time Scaffolding Framework for Exploring Modern Computer Design                                                      | 47.070                    | IIS-2327971        |                                        | 47,746               |
| Collaborative Research: Frameworks: Advancing Computer Hardware and Systems' Research Capability, Reproducibility, and Sustainability with the gem5 Simulator Ecosystem | 47.070                    | OAC-2311891        |                                        | 21,598               |
| Subtotal for AL No. 47.070                                                                                                                                              |                           |                    |                                        | <u>1,196,355</u>     |
| Bridging observational, experimental and genomic insights on species and speciation through comparative analyses in a new vertebrate model systems                      | 47.074                    | DEB-1457774        |                                        | 309                  |
| DIMENSIONS: COLLABORATIVE RESEARCH: The evolution of pollination syndrome diversity in Penstemon                                                                        | 47.074                    | DEB-1542402        |                                        | 45,368               |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                            | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                      |                           |                    |                                        |                      |
| <b>National Science Foundation (Continued)</b>                                                                                                           |                           |                    |                                        |                      |
| doseR: a novel linear modeling framework for dosage compensation analysis                                                                                | 47.074                    | DBI-1661454        |                                        | 61,706               |
| Dimensions US-China: Collaborative Research: Microbe eco-evolutionary feedbacks as drivers of plant coexistence, diversity gradients, and overyielding   | 47.074                    | DEB-1738041        |                                        | 55,605               |
| Collaborative Research: Ecological Dynamics of the Plant-Arbuscular Mycorrhizal Funal Mutualism: Contribution to Plant Species turnover and Coexistence  | 47.074                    | DEB-1556664        |                                        | 11,090               |
| Collaborative Research: Phylogenetic Systematics and the Evolution of Reproductive Innovation in an Adaptive Radiation of Limnonectes Fanged Frogs       | 47.074                    | DEB-1654388        |                                        | 354                  |
| Collaborative Research: ABI Development: Cultivating a sustainable Open Tree of Life                                                                     | 47.074                    | DBI-1759838        |                                        | 107,688              |
| CAREER: A Novel Bioinformatic Infrastructure for Metagenome Assembly and Functional Annotation                                                           | 47.074                    | DBI-1943291        |                                        | 112,794              |
| Bilateral BBSRC-NSF/BIO: CIBR: Structural modeling of interactome to assess phenotypic effects of genetic variation                                      | 47.074                    | DBI-1917263        |                                        | 18,278               |
| Collaborative Research: Cestode phylogeny and genomics: A spine for the spineless, gutless worms                                                         | 47.074                    | DEB-1921411        |                                        | 75,275               |
| Collaborative Research: SG: Clonality and the scope for adaptation in heterogeneous environments                                                         | 47.074                    | DEB-1923495        |                                        | 42,815               |
| Collaborative Proposal: MRA: Teleconnections Among Great Plains NEON Sites by Wind and Wing                                                              | 47.074                    | DEB-1926596        |                                        | 122,290              |
| CIBR: Collaborative Research: Integrating data communities with BiotaPhy: a computational platform for data-intensive biodiversity research and training | 47.074                    | DBI-1930005        |                                        | 202,367              |
| FSML: Enhancing research support infrastructure at the University of Kansas Field Station                                                                | 47.074                    | DBI-1938412        |                                        | 508,176              |
| Chromosomal inversions and gene expression in Mimulus                                                                                                    | 47.074                    | MCB-1940785        |                                        | 20,674               |
| COLLABORATIVE RESEARCH: LTREB RENEWAL: The role of ecological heterogeneity in a long-term grassland restoration experiment                              | 47.074                    | DEB-1922915        |                                        | 43,420               |
| Collaborative Proposal: Frameworks: Internet of Samples: Toward an Interdisciplinary Cyberinfrastructure for Material Samples                            | 47.074                    | 2004815            |                                        | 182,282              |
| Collaborative Research: Network Cluster: Geomicrobiology and Biogeochemistry in the Critical Zone                                                        | 47.074                    | EAR-2012633        |                                        | 218,649              |
| BBSRC-NSF/BIO: A holistic approach to understand drought adaptation in plants, their symbionts, and free-living microbiomes                              | 47.074                    | IOS-2016351        |                                        | 152,672              |
| How genomic shock triggers transposition during hybrid dysgenesis                                                                                        | 47.074                    | MCB-2025197        |                                        | 137,458              |
| Collaborative Research: CSBR: Ownership Transfer: Living Stocks: International Culture Collection of Arbuscular Mycorrhizal Fungi (INVAM)                | 47.074                    | 2027458            |                                        | 154,753              |
| CSBR: Rehousing of the Mammal Collection at the University of Kansas Biodiversity Institute                                                              | 47.074                    | 2100955            |                                        | 112,801              |
| Collaborative Research: Digitization TCN: Extending Anthophila research through image and trait digitization (Big-Bee)                                   | 47.074                    | 2101851            |                                        | 73,381               |
| RESEARCH-PGR: Genetics and mechanisms of microbe-dependent heterosis                                                                                     | 47.074                    | IOS-2033621        |                                        | 244,201              |
| REU SITE: The Stressed Life of Cells                                                                                                                     | 47.074                    | DBI-2051128        |                                        | 84,085               |
| A public workflow for predicting peptide binding structures                                                                                              | 47.074                    | 2121063            |                                        | 97,412               |
| CAREER: The genetic mechanisms of sex-ratio meiotic drive and resistance                                                                                 | 47.074                    | MCB-2047052        |                                        | 164,185              |
| MCA: New directions in female aggression research                                                                                                        | 47.074                    | IOS-2121849        |                                        | 53,570               |
| EAGER: Toward a tractable genetic model of DNA virus - Drosophila interaction                                                                            | 47.074                    | MCB-2135167        |                                        | 83,811               |
| Collaborative Research: Phylogeny of Cnidaria - Convergent Evolution of Eyes, Gene Expression, and Cell Types                                            | 47.074                    | 2153774            |                                        | 74,129               |
| UKRI/BBSRC - NSF/BIO: Modeling of protein interactions to predict phenotypic effects of genetic mutations                                                | 47.074                    | 2224122            |                                        | 382,021              |
| Collaborative Research: Digitization and Enrichment of U.S. Herbarium Data from Tropical Africa to Enable Urgent Quantitative Conservation Assessments   | 47.074                    | 2223875            |                                        | 233,318              |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                           | Assistance<br>Listing<br>Number | Identifying<br>Number | Pass-through<br>Entity<br>Identifying<br>Number | Federal<br>Expenditures |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------|-------------------------------------------------|-------------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                                     |                                 |                       |                                                 |                         |
| <b>National Science Foundation (Continued)</b>                                                                                                                                          |                                 |                       |                                                 |                         |
| Collaborative Research: BoCP Implementation: Using the Past to Predict the Future: How Physiology and other Functional Traits Determine Survival and Extinction in W. Atlantic Mollusks | 47.074                          | 2225011               |                                                 | 120,444                 |
| MFB: NSF-BSF: Data-Adaptive and Metamorphosis Machine Learning Architectures for Generative Protein Design of Metal Biosensors                                                          | 47.074                          | CHE-2226804           |                                                 | 335,078                 |
| Collaborative Research: Ranges: Building Capacity to Extend Mammal Specimens from Western North America                                                                                 | 47.074                          | 2228391               |                                                 | 8,299                   |
| OPUS: A Computational Theory of Biodiversity                                                                                                                                            | 47.074                          | 2241353               |                                                 | 44,489                  |
| EAGER: Overcoming transformation and germline expression barriers                                                                                                                       | 47.074                          | 2300557               |                                                 | 53,011                  |
| RaMP: Making meaningful connections: Fostering the Integration of Biodiversity Patterns with Genetic Evolutionary Mechanisms (BioGEM)                                                   | 47.074                          | 2319820               |                                                 | 51,887                  |
| Conference: Genomic Consequence of Meiotic Drive Workshop                                                                                                                               | 47.074                          | 2312190               |                                                 | 46,329                  |
| Collaborative Research: PurSUIT: Systematic viral discovery through structured search of host phylogeny                                                                                 | 47.074                          | 2302677               |                                                 | 26,233                  |
| CAREER: Unearthing the conifer tree of death                                                                                                                                            | 47.074                          | DEB-2338756           |                                                 | 73,078                  |
| The genetic basis of divergence in immune defense between species                                                                                                                       | 47.074                          | 2330095               |                                                 | 85,301                  |
| Subtotal for AL No. 47.074                                                                                                                                                              |                                 |                       |                                                 | <u>4,721,086</u>        |
| Examining Native Language Variability and its Effects on Second Language Processing: An Event-Related Potentials Investigation of Referential Dependencies                              | 47.075                          | BCS-1749143           |                                                 | 61,345                  |
| Neural Mechanisms for Phonological Alternation with High and Low Productivity                                                                                                           | 47.075                          | BCS-1826547           |                                                 | 62,434                  |
| The Genetic History of the Aleut People                                                                                                                                                 | 47.075                          | BCS-1849338           |                                                 | 140,459                 |
| Learning to pronounce ethnic names as a means of improving inter-ethnic interaction                                                                                                     | 47.075                          | BCS-1941684           |                                                 | 48,912                  |
| Collaborative Research: The Effect of State Disinvestment in Higher Education on Research Quality and Returns to Scale in Science Funding                                               | 47.075                          | SMA-1854849           |                                                 | 50,170                  |
| Conferences to Strengthen the Kansas Health Economics Community                                                                                                                         | 47.075                          | SES-1941552           |                                                 | 13,787                  |
| Collaborative Research: Assessing the Impact of Lead Agency Cross-Functional Authority on City Sustainability Outcomes                                                                  | 47.075                          | SES-2021044           |                                                 | 36,017                  |
| Collaborative Research: Dealing with Disruption: Investigating the Micro-level Underpinnings of City Response to the Climate Crisis                                                     | 47.075                          | SES-2049917           |                                                 | 29,670                  |
| Modeling the dynamics of belief formation: Towards a computational understanding of the timing and accuracy of probability judgments                                                    | 47.075                          | SES-212112            |                                                 | 41,977                  |
| Investigating the genetic history of the Central and Southern Plains                                                                                                                    | 47.075                          | 2051397               |                                                 | 72,491                  |
| Speech perception in younger and older adults: Cue-weighting and contextual information                                                                                                 | 47.075                          | 2141302               |                                                 | 3,998                   |
| Optimized spatial data conflation with topological conditions                                                                                                                           | 47.075                          | 2215155               |                                                 | 45,412                  |
| Complementizers and Complementation in Bantu Languages                                                                                                                                  | 47.075                          | 2140837               |                                                 | 91,500                  |
| SCISIPBIO: Examining the Career Barriers Confronting African American of Black Biomedical Scientists                                                                                    | 47.075                          | 2152437               |                                                 | 122,577                 |
| RAISE: IHBEM: Project INSIGHT: INclusion of challenges from Social Isolation Governed by Human behavior through Transformative research in epidemiological modeling                     | 47.075                          | 2230117               |                                                 | 245,596                 |
| Using Publication, Patent, and NSF Grant Data Linked to the Survey of Doctorate Recipients to Understand Science Career Trajectories                                                    | 47.075                          | NCSE-2215606          |                                                 | 83,855                  |
| Doctoral Dissertation Research: The Representation and Processing of Vowel Contrasts in Brazilian Portuguese and English                                                                | 47.075                          | 2314478               |                                                 | 11,254                  |
| Subtotal for AL No. 47.075                                                                                                                                                              |                                 |                       |                                                 | <u>1,161,454</u>        |
| Deep Roots: Wide-Spread implementation of community-driven evidence-based Pedagogy                                                                                                      | 47.076                          | DUE-1525775           |                                                 | <u>117,578</u>          |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                  | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                            |                           |                    |                                        |                      |
| <b>National Science Foundation (Continued)</b>                                                                                                                                 |                           |                    |                                        |                      |
| CyberCorps: New Scholarships for Service (SFS) Program at the University of Kansas - Jayhawk SFS                                                                               | 47.076                    | DGE-1565570        |                                        | 674,284              |
| Collaborative Research: Transforming the Evaluation of Teaching: A Study of Institutional Change to Advance STEM Undergraduate Education                                       | 47.076                    | DUE-1726087        |                                        | 84,062               |
| Collaborative Research: Technology Education for Women in Transition: Broadening Participation Through Innovations                                                             | 47.076                    | DRL-1907002        |                                        | 34,938               |
| CANSec: The Central Area Networking and Security Workshop                                                                                                                      | 47.076                    | DGE-1842678        |                                        | 9,223                |
| Collaborative Research: Cool Science: Art as a Vehicle for Intergenerational Learning                                                                                          | 47.076                    | DRL-1906810        |                                        | 126,398              |
| NRT-HDR: The Internet of Catalysis - Harnessing Data Science for Catalyst Design                                                                                               | 47.076                    | DGE-1922649        |                                        | 432,182              |
| Graduate Research Fellowship Program                                                                                                                                           | 47.076                    | DGE-1940699        |                                        | 317,334              |
| Collaborative Research: SaTC: EDU: Hardware Security Education for All through Seamless Extension of Existing Curriculum                                                       | 47.076                    | 2114157            |                                        | 35,340               |
| Collaborative Research: Peek Inside the Box: Gamified Learning of Computing Hardware Fundamentals                                                                              | 47.076                    | 2142696            |                                        | 55,845               |
| Collaborative Research: ADVANCE Partnership: Empowering scientists to transform workplace climate through the ADVANCEGeo community-based intervention program                  | 47.076                    | 2204022            |                                        | 164,642              |
| University-Community Partnerships Broadening Technology Education for Women Transitioning from Incarceration                                                                   | 47.076                    | 2314275            |                                        | 251,870              |
| Building Capacity to Produce Highly Qualified STEM Teachers                                                                                                                    | 47.076                    | 2345168            |                                        | 5,034                |
| Subtotal for AL No. 47.076                                                                                                                                                     |                           |                    |                                        | 2,308,730            |
| EAGER: Extending Greenland glacier observations using newly-discovered aerial photographs                                                                                      | 47.078                    | 2135018            |                                        | 129,884              |
| MRI: Development of a Reconfigurable Radar for UAS Applications                                                                                                                | 47.078                    | 2216455            |                                        | 362,890              |
| Investigation into Initial Population Movement into the New World                                                                                                              | 47.078                    | 2243622            |                                        | 78,290               |
| Collaborative Research: NSFGE0-NERC: Understanding surface-to-bed meltwater pathways across the Greenland Ice Sheet using machine-learning and physics-based models            | 47.078                    | 2235052            |                                        | 23,220               |
| Subtotal for AL No. 47.078                                                                                                                                                     |                           |                    |                                        | 594,284              |
| RII Track-1: Microbiomes of Aquatic, Plant and Soil Systems (MAPS) mediating sustainability: An observational and experimental network across Kansas                           | 47.083                    | OIA-1656006        |                                        | 1,022,940            |
| RII Track-2 FEC: Marshalling Diverse Big Data Streams to Understand Risk of Tick-borne Diseases in the Great Plains                                                            | 47.083                    | 1920946            |                                        | 861,150              |
| RII Track-2 FEC: Aquatic Intermittency effects on Microbiomes i Streams (AIMS)                                                                                                 | 47.083                    | OIA-2019603        |                                        | 1,777,255            |
| RII Track-2 FEC - Advanced Manufacturing of Renewable and Recyclable Polymers                                                                                                  | 47.083                    | 2119754            |                                        | 1,109,108            |
| RII Track-1: Adaptive and Resilient Infrastructures driven by Social Equity (ARISE)                                                                                            | 47.083                    | OIA-2148878        |                                        | 3,239,807            |
| R11-BEC: Mitigating COVID-19 Career Challenges with Research an Professional Development Training for Undergraduate Students and Mentors in Field-based Environmental Sciences | 47.083                    | OIA-2225863        |                                        | 148,975              |
| COLLABORATIVE RESEARCH: Social-Emotional Analysis of the Language Environment (SEAL): Key Word & Phrase Spotting in Early Childhood Care Settings                              | 47.083                    | 2235041            |                                        | 36,077               |
| RII Track-4: NSF: Assessing Dynamic Connectivity of Streams and Wetlands across Spatial and Human Gradients with Deep Learning                                                 | 47.083                    | 2229616            |                                        | 147,784              |
| Subtotal for AL No. 47.083                                                                                                                                                     |                           |                    |                                        | 8,343,096            |
| NSF Convergence Accelerator Track G: Combating Vulnerability and Unawareness in 5G Network Security: Signaling and Full-Stack Approach                                         | 47.084                    | ITE-2226447        |                                        | 410,092              |
| Porous absorbent-coated geotextile to enhance water drainage from soil                                                                                                         | 47.084                    | TI-2234410         |                                        | 106,219              |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                            | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                      |                           |                    |                                        |                      |
| <b>National Science Foundation (Continued)</b>                                                                                                           |                           |                    |                                        |                      |
| NSF Convergence Accelerator Track G: Combating Vulnerability and Unawareness in 5G Network Security                                                      | 47.084                    | 2326898            |                                        | 1,012,130            |
| Subtotal for AL No. 47.084                                                                                                                               |                           |                    |                                        | 1,528,441            |
| NSF Intergovernmental Personnel Act for Joan Sereno                                                                                                      | 47.000                    | BCS-2220732        |                                        | 173,731              |
| NSF Convergence Accelerator Track K: Improving Water Quality and Equity through Sensor Data and Machine Learning Models                                  | 47.000                    | 49100424C0008      |                                        | 205,888              |
| Subtotal for AL No. 47.000                                                                                                                               |                           |                    |                                        | 379,619              |
| Subtotal: National Science Foundation- Direct                                                                                                            |                           |                    |                                        | 28,269,509           |
| <u>Passthrough- AMERICAN MUSEUM OF NATURAL HISTORY</u>                                                                                                   |                           |                    |                                        |                      |
| Collaborative Research: All Birds: A Time-scaled Avian Tree From Integrated Phylogenomic and Fossil Data                                                 | 47.074                    | A14-2023-1         | 1655736                                | 9,078                |
| <u>Passthrough- AMERICAN PHYSICAL SOCIETY</u>                                                                                                            |                           |                    |                                        |                      |
| PhysTEC: Building a Solution to the National Physics Teacher Shortage                                                                                    | 47.049                    | PT-002-2019        | PHY-1707990                            | 2,942                |
| <u>Passthrough- BATTELLE MEMORIAL INSTITUTE</u>                                                                                                          |                           |                    |                                        |                      |
| Reaeration Analyses: SF6, Chloride, Bromide                                                                                                              | 47.074                    | US001-0000731738   |                                        | 23,051               |
| Mosquito Taxonomic Identification                                                                                                                        | 47.000                    | US001-0000732907   | NEON Cooperative Agreement             | 57,823               |
| Dissolved Gas Analyses: CH4, CO2, N2O                                                                                                                    | 47.000                    | US001-0000732763   | NEON Cooperative Agreement             | 59,800               |
| <u>Passthrough- COLUMBIA UNIVERSITY</u>                                                                                                                  |                           |                    |                                        |                      |
| Collaborative Research: Frameworks: Internet of Samples: Toward an Interdisciplinary Cyberinfrastructure for Material Samples                            | 47.070                    | 1(GG015554-01)     | OAC-2004839                            | 23,509               |
| <u>Passthrough- CORNELL UNIVERSITY</u>                                                                                                                   |                           |                    |                                        |                      |
| U.S. CMS Upgrades for the HL-LHC                                                                                                                         | 47.049                    | 79433-20679        | PHY-1946735                            | 80,716               |
| <u>Passthrough- DONALD DANFORTH PLANT SCIENCE CENTER</u>                                                                                                 |                           |                    |                                        |                      |
| BII: New Roots for Restoration: integrating plant traits, communities, and the soil ecosystem to advance restoration of natural and agricultural systems | 47.074                    | 24409-K            | 2120153                                | 850,012              |
| BII New Roots for Restoration: Arbuscular mycorrhizal mediation of drought stress in intermediate wheatgrass domestication                               | 47.074                    | none               | DBI-2100153                            | 848                  |
| <u>Passthrough- DUKE UNIVERSITY</u>                                                                                                                      |                           |                    |                                        |                      |
| Human and Natural Forcings of Critical Zone Dynamics and Evolution at the Calhoun Critical Zone Observatory                                              | 47.050                    | 14-NSF-1078        | EAR-1331846                            | (1)                  |
| <u>Passthrough- FLORIDA STATE UNIVERSITY</u>                                                                                                             |                           |                    |                                        |                      |
| CAREER: Quantification of the kinetic energy of particles in complex flows using magnetic particle tracking.                                             | 47.049                    |                    |                                        | 16,420               |
| <u>Passthrough- GEORGIA STATE UNIVERSITY</u>                                                                                                             |                           |                    |                                        |                      |
| SCC-IRG Track 1: Smart and Safe Prescribed Burning for Rangeland and Wildland Urban Interface Communities                                                | 47.070                    | SP00016096-01      |                                        | 59,895               |
| <u>Passthrough- HASKELL FOUNDATION</u>                                                                                                                   |                           |                    |                                        |                      |
| Large-scale CoPe: Rising Voices, Changing Coasts: The National Indigenous and Earth Sciences Convergence Hub                                             | 47.075                    | HFKU-01            | 2103843                                | 99,958               |
| <u>Passthrough- ICONIUM ENGINEERING COMPANY</u>                                                                                                          |                           |                    |                                        |                      |
| Iconium Engineering Company Refrigerant Ionic liquid Separation (IEC-RISE)                                                                               | 47.084                    | 28738              | TI-2232475                             | 31,951               |
| <u>Passthrough- KANSAS STATE UNIVERSITY</u>                                                                                                              |                           |                    |                                        |                      |
| Collaborative Research: How roots, regolith, rock and climate interact over decades to centuries - the R3-C Frontier                                     | 47.050                    | A22-0124-S001      | 2121652                                | 103,354              |
| LTER: Manipulating drivers to assess grassland resilience                                                                                                | 47.074                    | A21-0332-S003      | DEB-2025849                            | 15,854               |
| GP-IN: SOARING: Sharing Opportunities, Approaches, and Resources in New Geo-teaching                                                                     | 47.078                    | A21-0163-S001      | OPP-2022964                            | 22,808               |
| <u>Passthrough- NATURAL HISTORY MUSEUM OF LOS ANGELES COUNTY</u>                                                                                         |                           |                    |                                        |                      |
| Digitization PEN: Collaborative Research: The Cretaceous World Connecting the Cretaceous Seas of North America                                           | 47.074                    | 1902262            | 1902262                                | 171                  |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                        | Assistance Listing Number | Identifying Number   | Pass-through Entity Identifying Number                                          | Federal Expenditures |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------|---------------------------------------------------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                                  |                           |                      |                                                                                 |                      |
| <b>National Science Foundation (Continued)</b>                                                                                                                                       |                           |                      |                                                                                 |                      |
| <u>Passthrough- NEW YORK UNIVERSITY</u>                                                                                                                                              |                           |                      |                                                                                 |                      |
| Melting at Thwaites grounding zone and its control on sea level (THWAITES-MELT)                                                                                                      | 47.050                    | F0691-02             | Melting at Thwaites grounding zone and its control on sea level (THWAITES-MELT) | 2,772                |
| <u>Passthrough- NORTH DAKOTA STATE UNIVERSITY</u>                                                                                                                                    |                           |                      |                                                                                 |                      |
| CAREER: Rapid Phenotypic Divergence & Insulin-like Growth Factor 1 Signaling in a Widespread Songbird                                                                                | 47.074                    | FAR0037353           | 1845974                                                                         | 6,337                |
| <u>Passthrough- OAKLAND UNIVERSITY</u>                                                                                                                                               |                           |                      |                                                                                 |                      |
| NRT-HDR: Using a Data Analytics Framework to Merge STEM and Entrepreneurial Training                                                                                                 | 47.076                    | A24-0004-S001        | 2244091                                                                         | 3,269                |
| <u>Passthrough- OREGON STATE UNIVERSITY</u>                                                                                                                                          |                           |                      |                                                                                 |                      |
| Center for OLDest Ice EXploration (COLDEX)                                                                                                                                           | 47.078                    | S2306L-I             | OPP-2019719                                                                     | 278,016              |
| <u>Passthrough- PENNSYLVANIA STATE UNIVERSITY</u>                                                                                                                                    |                           |                      |                                                                                 |                      |
| NSFPLR-NERC: Ground Geophysics Survey of Thwaites Glacier                                                                                                                            | 47.050                    | 5860-UKCR-NSF-8934   | OPP-1738934                                                                     | 10,355               |
| <u>Passthrough- SOUTH DAKOTA SCHOOL OF MINES</u>                                                                                                                                     |                           |                      |                                                                                 |                      |
| RII Track-2 FEC: The IceCube EPSCoR Initiative (IEI) - IceCube and the Data Revolution                                                                                               | 47.083                    | SDSMT- KU 21-05      | OIA-2019597                                                                     | 380,339              |
| <u>Passthrough- TEXAS A AND M UNIVERSITY COLLEGE STATION</u>                                                                                                                         |                           |                      |                                                                                 |                      |
| Broadening Community Use and Adoption of StraboSpot                                                                                                                                  | 47.050                    | M2301358             | ICER-1928348                                                                    | 41,418               |
| <u>Passthrough- UNIVERSITY OF ALABAMA-BIRMINGHAM</u>                                                                                                                                 |                           |                      |                                                                                 |                      |
| Bill: IISAGE - Discovering the Mechanisms and Evolution of Aging Differences Between Females and Males                                                                               | 47.074                    | 000535058-SC001      | 2213824                                                                         | 86,124               |
| <u>Passthrough- UNIVERSITY OF CALIFORNIA - SAN FRANCISCO</u>                                                                                                                         |                           |                      |                                                                                 |                      |
| NSF Convergence Accelerator Track J: Network Of User-engaged Researchers building Interdisciplinary Scientific infrastructures for Healthy food (NOURISH)                            | 47.084                    | 14129sc              | 2236389                                                                         | 24,241               |
| <u>Passthrough- UNIVERSITY OF ILLINOIS-CHICAGO</u>                                                                                                                                   |                           |                      |                                                                                 |                      |
| Collaborative Research: Improving Multi-dimensional Assessment and Instruction: Building and Sustaining Elementary Science Teachers' Capacity Through Learning Communities           | 47.076                    | 19233                | DRL-1813737                                                                     | 74,279               |
| <u>Passthrough- UNIVERSITY OF IOWA</u>                                                                                                                                               |                           |                      |                                                                                 |                      |
| RII Track-2 FEC: Critical Resource Availability for the Future of the Renewable Energy Industry: Critical Minerals and Ground Water Resources in Iowa and Kansas                     | 47.083                    | S02918-01            | OIA-2119551                                                                     | 80,813               |
| <u>Passthrough- UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE</u>                                                                                                           |                           |                      |                                                                                 |                      |
| Sub-cellular Neurotransmitter Population Dynamics in Chemobrain                                                                                                                      | 47.074                    | GR16875-Johnson      | 2P30CA168524-11                                                                 | 5,983                |
| <u>Passthrough- UNIVERSITY OF NEBRASKA - LINCOLN</u>                                                                                                                                 |                           |                      |                                                                                 |                      |
| U.S. CMS Operations at the Large Hadron Collider                                                                                                                                     | 47.049                    | 25-0521-0244-006     | PHY-2121686                                                                     | 31,343               |
| <u>Passthrough- UNIVERSITY OF NEVADA, LAS VEGAS</u>                                                                                                                                  |                           |                      |                                                                                 |                      |
| THE GENETIC BASIS OF LOCAL ADAPTATION ACROSS AN ISLAND ADAPTIVE RADIATION                                                                                                            | 47.074                    | GR17050              | 2204729                                                                         | 13,538               |
| <u>Passthrough- UNIVERSITY OF NEW MEXICO</u>                                                                                                                                         |                           |                      |                                                                                 |                      |
| PIPP Phase I: Center for Emerging Pathogen Prediction and Integration                                                                                                                | 47.074                    | 0480UY-87R8          | 2155222                                                                         | 57,613               |
| <u>Passthrough- UNIVERSITY OF NORTHERN COLORADO</u>                                                                                                                                  |                           |                      |                                                                                 |                      |
| Collaborative Research: Developing a Next Generation Concept Inventory using Constructed Response for evaluating student knowledge of complex FEW systems in environmental education | 47.076                    | 000021-00001A.008.00 | 4040-0001                                                                       | 4,357                |
| <u>Passthrough- UNIVERSITY OF OKLAHOMA</u>                                                                                                                                           |                           |                      |                                                                                 |                      |
| PIPP Phase 1: International Center for Avian Influenza Pandemic Prediction and Prevention                                                                                            | 47.074                    | 2023-33              | 2200310                                                                         | 168,353              |
| <u>Passthrough- UNIVERSITY OF WISCONSIN-MADISON</u>                                                                                                                                  |                           |                      |                                                                                 |                      |
| Technical Support: Kansas                                                                                                                                                            | 47.050                    | 0000002485           |                                                                                 | 41,652               |
| <u>Passthrough- VANDERBILT UNIVERSITY</u>                                                                                                                                            |                           |                      |                                                                                 |                      |
| Collaborative Research: SHF: Small: Learning Fault Tolerance at Scale                                                                                                                | 47.070                    | OSA00000080          |                                                                                 | 41,718               |
| <u>Passthrough- VIRGINIA TECH</u>                                                                                                                                                    |                           |                      |                                                                                 |                      |
| DISES: Toward resilient and adaptive community-driven management of groundwater dependent agricultural systems                                                                       | 47.050                    | 480773-19799         | ICER-2108196                                                                    | 161,112              |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                  | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                            |                           |                    |                                        |                      |
| <b>Environmental Protection Agency</b>                                                                                                         |                           |                    |                                        |                      |
| <u>Passthrough- ZENOLEAP LLC</u>                                                                                                               |                           |                    |                                        |                      |
| Energy Efficient Superconducting Neuromorphic Computing Circuits                                                                               | 47.084                    | 26951              | TI-2136676                             | 44,646               |
| STTR Phase I: High-sensitivity flexible quantum dots/graphene x-ray detectors and imaging systems                                              | 47.084                    | 2322053-29291      | TI-2322053                             | 25                   |
| Subtotal: National Science Foundation- Passthrough                                                                                             |                           |                    |                                        | 3,016,492            |
| <b>Total: National Science Foundation</b>                                                                                                      |                           |                    |                                        | <b>31,286,001</b>    |
| <u>Passthrough- MID AMERICA REGIONAL COUNCIL</u>                                                                                               |                           |                    |                                        |                      |
| Resilient People, Resilient Places                                                                                                             | 66.306                    | 28335 MOA          |                                        | 3,222                |
| Subtotal: Environmental Protection Agency- Passthrough                                                                                         |                           |                    |                                        | 3,222                |
| <b>Total: Environmental Protection Agency</b>                                                                                                  |                           |                    |                                        | <b>3,222</b>         |
| <b>Department of Energy</b>                                                                                                                    |                           |                    |                                        |                      |
| <u>Direct</u>                                                                                                                                  |                           |                    |                                        |                      |
| Searches for New Physics in Standard Model Processes                                                                                           | 81.049                    | DE-SC0017988       |                                        | 46,525               |
| Probing Small-x QCD Dynamics With Hadronic Collisions                                                                                          | 81.049                    | DE-SC0019389       |                                        | 2                    |
| Molecular to Mesoscale Targeting of Oxoanions with Multi-Tasking Hosts                                                                         | 81.049                    | DE-SC0018629       |                                        | 54,004               |
| Uranyl Capture and Activation with Lewis Acids and Macrocyclic Hosts                                                                           | 81.049                    | DE-SC0019169       |                                        | 55,120               |
| Searching for the Nature of Dark Matter and Dark Energy                                                                                        | 81.049                    | DE-SC0019474       |                                        | 23,548               |
| Ab Initio Machine Learning Algorithms for Modeling Kinetics on Amorphous Catalysts                                                             | 81.049                    | DE-SC0019488       |                                        | 103,005              |
| Understanding Rate Constants of Hydrated Electron Reactions                                                                                    | 81.049                    | DE-SC0021114       |                                        | 108,271              |
| Research in Heavy-Ion Nuclear Physics: Studying the initial state of QCD matter                                                                | 81.049                    | DE-SC0020914       |                                        | 337,546              |
| Electron transfer in heterostructures based on two-dimensional materials                                                                       | 81.049                    | DE-SC0020995       |                                        | 228,826              |
| Studying nuclear gluon dynamics using novel technologies with the ALICE experiment and at the Electron-Ion Collider Sponsor                    | 81.049                    | DE-SC0023510       |                                        | 267,828              |
| Theoretical High Energy Physics in the Data-Driven Era                                                                                         | 81.049                    | DE-SC0024673       |                                        | 27,970               |
| Using ARM observations and large-eddy simulation to constrain cloud processing of CCN in boundary-layer clouds over the Eastern North Atlantic | 81.049                    | DE-SC0023083       |                                        | 117,257              |
| Minimizing the Energy Loss in Charge Separation via Spontaneous Exciton Heating                                                                | 81.049                    | DE-SC0024525       |                                        | 154,908              |
| Precision hot and cold QCD with CMS and EPIC                                                                                                   | 81.049                    | DE-SC0023908       |                                        | 539,721              |
| Theoretical Particle Physics in the Data-Driven Era                                                                                            | 81.049                    | DE-SC0024407       |                                        | 36,234               |
| Research in Heavy-Ion Nuclear Physics at CMS                                                                                                   | 81.049                    | DE-FG02-96ER40981  |                                        | (7,843)              |
| Subtotal for AL No. 81.049                                                                                                                     |                           |                    |                                        | 2,092,922            |
| Stationary Direct Methanol Fuel Cells Using Pure Methanol                                                                                      | 81.087                    | DE-EE0008440       |                                        | 2,480                |
| Recycling of End-of-Life Solar Panels using Near-critical Fluids and Ozone                                                                     | 81.087                    | DE-EE0010496       |                                        | 152,741              |
| Subtotal for AL No. 81.087                                                                                                                     |                           |                    |                                        | 155,221              |
| A NOVEL SMART MICROCHIP PROPPANTS TECHNOLOGY FOR PRECISION DIAGNOSTICS OF HYDRAULIC FRACTURE NETWORKS                                          | 81.089                    | DE-FE0031784       |                                        | 754,609              |
| Critical Minerals in Coaly Strata of the Cherokee-Forest City Basin                                                                            | 81.089                    | DE-FE0032056       |                                        | 373,726              |
| Subtotal for AL No. 81.089                                                                                                                     |                           |                    |                                        | 1,128,335            |
| Subtotal: Department of Energy- Direct                                                                                                         |                           |                    |                                        | 3,376,478            |
| <u>Passthrough- AMERICAN INSTITUTE OF CHEMICAL ENGINEERS</u>                                                                                   |                           |                    |                                        |                      |
| GAS SEPARATION USING FURAN-BASED POLYMER MEMBRANES - PROJECT H22020                                                                            | 81.087                    | DE-EE0007888-06-09 | DE-EE007888-06-09                      | 1,454                |
| <u>Passthrough- ENVIRONMENTAL SOLUTIONS AND INNOVATIONS INC.</u>                                                                               |                           |                    |                                        |                      |
| Archaeological Curation Services (FY22-23), Northwestern Division, Kansas City District                                                        | 81.000                    | Pesi1640.05        |                                        | 2,787                |
| <u>Passthrough- FERMI NATIONAL ACCELERATOR LABORATORY</u>                                                                                      |                           |                    |                                        |                      |
| High Luminosity (HL) LHC CMS Detector Upgrade Projects MIP Timing Detector                                                                     | 81.000                    | 678515             | DE-AC02-07CH11359                      | 3,947                |
| 2024 LPC Distinguished Researcher Award for Recipient Dr. Alice Bean                                                                           | 81.000                    | 709725             | DE-AC02-07CH11359                      | 45,178               |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                         | Assistance Listing Number | Identifying Number         | Pass-through Entity Identifying Number | Federal Expenditures |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                                   |                           |                            |                                        |                      |
| <b>Department of Energy (Continued)</b>                                                                                                                                               |                           |                            |                                        |                      |
| 2024 Jr. LPC Distinguished Researcher Award - Recipient: Georgios Krintiras (PI: M. Murray)                                                                                           | 81.000                    | 709735                     | DE-AC02-07CH11359                      | 16,292               |
| <u>Passthrough- HONEYWELL</u>                                                                                                                                                         |                           |                            |                                        |                      |
| MASTER COLLABORATION AGREEMENT                                                                                                                                                        | 81.000                    | none                       | DE-NA0002839                           | 490,905              |
| Microfluidics Consortium: Solubility Model                                                                                                                                            | 81.000                    | N000459672                 | DE-NA0002839                           | 61,435               |
| 2D Semiconductor Reliability- KU                                                                                                                                                      | 81.000                    | N000459660                 |                                        | 25,254               |
| Predictive Model for Silicone Pad Failure and Predicting Uniaxial Compression of Foam Using Computer Vision                                                                           | 81.000                    | N000467468                 |                                        | 17,934               |
| KU Special Communications                                                                                                                                                             | 81.000                    | PO NN000468596             |                                        | 119,714              |
| Next Generation Silicones for DIW                                                                                                                                                     | 81.000                    | N000474370                 | DE-NA0002839                           | 35,424               |
| Flow synthesis of isocyanate terminated prepolymers                                                                                                                                   | 81.000                    | PO N000477021              | DE-NA0002839                           | 154,408              |
| Volume Tester isothermal containment Improvement                                                                                                                                      | 81.000                    | PO N000492909              | DE-NA0002839                           | 12,903               |
| Microfluidics Consortium: Predictive Algorithm for Spectral Elucidation                                                                                                               | 81.000                    | N000506684                 | DE-NA0002839                           | 7,060                |
| Development, Testing and Improvement of Components & Systems for Next-Generation Radar                                                                                                | 81.000                    | N000506642                 |                                        | 35,194               |
| 2D Semiconductor Reliability                                                                                                                                                          | 81.000                    | N000516760                 |                                        | 50,135               |
| Polymer 3D Printed Pressure Vessels, Compressive Lap Shear Test Fixtures, Modeling Fluid and Mixing Behavior, and Design and Additive Manufacturing of Fluidic Channels for Synthesis | 81.000                    | N000517603                 |                                        | 5,331                |
| Digitally Assured Manufacturing Processes Testbed                                                                                                                                     | 81.000                    | N000518357                 |                                        | 20,041               |
| Application of Process Flow techniques to Catalyzed Cross-Coupling Reactions                                                                                                          | 81.000                    | N000521938                 | NA0002839                              | 20,334               |
| <u>Passthrough- JEFFERSON SCIENCE ASSOCIATES LLC</u>                                                                                                                                  |                           |                            |                                        |                      |
| Radiation Hardness Tests of Glass Blocks and Software Development for Data Analysis and Simulations                                                                                   | 81.000                    | JSA-22-R413253 PO 22-P1508 | DE-AC0-06OR2317                        | 1,382                |
| eRD105: Development and Characterization of Scintillating Glass for the EiC Detector - Kansas: Radiation properties and Software Development                                          | 81.000                    | PO-23-P10097               | DE-AC05-06OR23177                      | 6,077                |
| <u>Passthrough- KANSAS STATE UNIVERSITY</u>                                                                                                                                           |                           |                            |                                        |                      |
| Integrated Anaerobic Membrane Bioreactor (AnMBR)-electro-assisted fermentation platform for total resource recovery from diverse wastewaters                                          | 81.086                    | A21-0320-S001              | DE-EE0009504                           | 96,156               |
| <u>Passthrough- LARGO CLEAN ENERGY CORP</u>                                                                                                                                           |                           |                            |                                        |                      |
| Electrolyte Densification for Shipping (EDS) Process                                                                                                                                  | 81.135                    | 26076                      | cooperative Agreement                  | 44,309               |
| <u>Passthrough- LAWRENCE BERKELEY NATIONAL LAB</u>                                                                                                                                    |                           |                            |                                        |                      |
| Research During Sabbatical Leave during 2020-2021 Academic Year                                                                                                                       | 81.000                    | 7561272                    | DE-AC02-05CH11231                      | -                    |
| <u>Passthrough- NEW MEXICO TECH</u>                                                                                                                                                   |                           |                            |                                        |                      |
| Carbon Utilization and Storage Partnership (CUSP) for the Western USA                                                                                                                 | 81.089                    | P0019651                   | DE-FE0031837                           | 405,191              |
| <u>Passthrough- NORTHERN ILLINOIS UNIVERSITY</u>                                                                                                                                      |                           |                            |                                        |                      |
| 5-D dual-readout calorimetry for the Next Generation of HEP Experiments                                                                                                               | 81.049                    | G1A627765-1                | DE-SC0021123                           | 3,096                |
| <u>Passthrough- PACIFIC NORTHWEST NATIONAL LABORATORIES</u>                                                                                                                           |                           |                            |                                        |                      |
| Nexus of Controls and Communications for Battery Energy Storage Systems                                                                                                               | 81.000                    | 702191                     | DE-AC05-76RL01830                      | 28,802               |
| <u>Passthrough- SANDIA NATIONAL LABORATORIES</u>                                                                                                                                      |                           |                            |                                        |                      |
| Molecular Modeling of Fluid Properties at Mineral Interfaces                                                                                                                          | 81.000                    | 2127658                    |                                        | 130,520              |
| Adaptive Waveform Development For Optimized ReTurns-Enhanced Scene Interpretation and Interference Mitigation(A WD Fort-e S1m)                                                        | 81.000                    | 2415977                    |                                        | 50,137               |
| Cryptand Molecular Cavities to Capture and Chemically Process CO2                                                                                                                     | 81.000                    | PO2541367                  |                                        | 67,976               |
| Joint SAR/GMTI using Agile Waveforms                                                                                                                                                  | 81.000                    | 2537559                    | DE-NA0003525                           | 241,229              |
| <u>Passthrough- SYSTEMS TECHNOLOGY RESEARCH (STR)</u>                                                                                                                                 |                           |                            |                                        |                      |
| Smaller Targeting Radars with Integrated Performance Equivalency STRIPE                                                                                                               | 81.000                    | 2023-0054                  | FA2385-23-C-0004                       | 171,102              |
| <u>Passthrough- TENNESSEE TECH UNIVERSITY</u>                                                                                                                                         |                           |                            |                                        |                      |
| Second-life Battery in Mobile EV Charging Application for Rural Transportation (SMART)                                                                                                | 81.086                    | BL179138630                | DE-EE0010404                           | 15,946               |
| <u>Passthrough- TEVERRRA LLC</u>                                                                                                                                                      |                           |                            |                                        |                      |
| Heat-Sweep Monitoring with Bubbled Water Seismic Imaging                                                                                                                              | 81.049                    | Subaward_DE-SC0024148      | DE-SC0024148                           | 19,759               |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                                                | Assistance<br>Listing<br>Number | Identifying<br>Number | Pass-through<br>Entity<br>Identifying<br>Number | Federal<br>Expenditures |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------|-------------------------------------------------|-------------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                                                          |                                 |                       |                                                 |                         |
| <b>Department of Energy (Continued)</b>                                                                                                                                                                      |                                 |                       |                                                 |                         |
| <u>Passthrough- TRIAD NATIONAL SECURITY LLC</u>                                                                                                                                                              |                                 |                       |                                                 |                         |
| Parallel High-order Curvilinear Mesh Generation Algorithms and Software for Use with Computational Mechanics Simulations                                                                                     | 81.000                          | 619744                | 89233218CNA000001                               | 126,468                 |
| <u>Passthrough- UNIVERSITY OF MARYLAND - BALTIMORE</u>                                                                                                                                                       |                                 |                       |                                                 |                         |
| Characterizing the Variation and Covariation of Cloud Microphysical Properties and Implications for Simulation of Subgrid-scale Warm-Rain Processes in Earth System Models                                   | 81.049                          | OFED0010-01           | DE-SC0020057                                    | 9,355                   |
| Subtotal: Department of Energy- Passthrough                                                                                                                                                                  |                                 |                       |                                                 | 2,543,235               |
| <b>Total: Department of Energy</b>                                                                                                                                                                           |                                 |                       |                                                 | <b>5,919,713</b>        |
| <b>Department of Education</b>                                                                                                                                                                               |                                 |                       |                                                 |                         |
| <u>Direct</u>                                                                                                                                                                                                |                                 |                       |                                                 |                         |
| Fulbright-Hays Doctoral Dissertation Research Abroad Award                                                                                                                                                   | 84.022                          | P022A210054           |                                                 | 1,379                   |
| Funds for the Improvement of Postsecondary Education                                                                                                                                                         | 84.116                          | P116Z990008           |                                                 | 5,049,881               |
| The Effects of Promoting Engaging Early Literacy Interactions in Preschool Environments: Literacy 3D                                                                                                         | 84.305                          | R305A170241           |                                                 | 220,747                 |
| AspirePlus: A Researcher-Practitioner Partnership to Promote Self-Determination and More Positive Student Outcomes                                                                                           | 84.305                          | R305H190017 Act 2     |                                                 | 35,458                  |
| Improving Software and Methods for Estimating Diagnostic Classification Models and Evaluating Model Fit                                                                                                      | 84.305                          | R305D210045           |                                                 | 41,455                  |
| Development of an Implementation Support Package to Install, Implement, and Sustain MTSS in Early Childhood Settings                                                                                         | 84.305                          | R305A230405           |                                                 | 167,446                 |
| Subtotal for AL No. 84.305                                                                                                                                                                                   |                                 |                       |                                                 | 465,106                 |
| MTSS and Self-Determination: Examining the Impact of Tier 1 Supports to Promote Self-Determination and Academic Outcomes                                                                                     | 84.324                          | R324A170008           |                                                 | -                       |
| Validity Studies of the Classroom Code for Interactive Recording of Children's Learning Environments (CIRCLE) (Version 2.0): A Preschool Eco-Behavioral Interaction Measure for Intervention Decision Making | 84.324                          | R324A170048           |                                                 | 36,545                  |
| Factors Contributing to Academic, Social/Communication, and Behavioral Outcomes for Elementary Students with the Most Significant Cognitive Disabilities                                                     | 84.324                          | R324A180024           |                                                 | 17,315                  |
| Promoting Teacher Use of the Supports Intensity Scale-Children's Version to Engage in Supports Planning to Enhance Access to the General Education Curriculum for Children with Intellectual Disability      | 84.324                          | R324A180034 - 20      |                                                 | 124,638                 |
| Project DataWall: A Decision Support System for MTSS                                                                                                                                                         | 84.324                          | R324A190054           |                                                 | 238,905                 |
| Promoting Self-Determination for Students with Disabilities: A Goal-Setting Challenge App                                                                                                                    | 84.324                          | R324A180012           |                                                 | (76)                    |
| Possible Selves and Self-Determination: Improving Transition Outcomes for High School Students with Learning Disabilities                                                                                    | 84.324                          | R324A190011 - 20      |                                                 | 627,174                 |
| Project SCREEN: Validation of a Free-Access Screening Tool for K-12 Educators to Screen Students with Internalizing and Externalizing Behavior Patterns                                                      | 84.324                          | R324A190013           |                                                 | 118,807                 |
| Enhancing Ci3T: Building Professional Capacity for High Fidelity Implementation to Support Students' Educational Outcomes (Project ENHANCE)                                                                  | 84.324                          | R324N190002           |                                                 | 738,042                 |
| 5E Model Professional Development in Science Education for Special Educators (5E-SESE)                                                                                                                       | 84.324                          | R324A18202            |                                                 | 120,235                 |
| Combining the Self-Determined Learning Model of Instruction and Peer Supports: Examining the Impact on Academic, Social, and Functional Outcomes for Students with Autism Spectrum Disorders                 | 84.324                          | R324A200007           |                                                 | 789,625                 |
| Professional Development to Support Intervention Implementation of the Promoting Communication Tools for Advancing Language in Kids (PC TALK) for Infants and Toddlers at Risk for or with Disabilities      | 84.324                          | R324A190223           |                                                 | 296,842                 |
| Initial Efficacy Evaluation of the CW-FIT Middle School Program: Improving Academic Engagement and Outcomes for Middle School Students                                                                       | 84.324                          | R324A200063           |                                                 | 573,250                 |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                        | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                  |                           |                    |                                        |                      |
| <b>Department of Education (Continued)</b>                                                                                                                           |                           |                    |                                        |                      |
| Validity of a Nonspeech, Dynamic Assessment of the Alphabetic Principle (DAAP)                                                                                       | 84.324                    | R324A200190        |                                        | 197,625              |
| Resources Aligned and Integrated for Student Equity (RAISE): Protocol for Grade-level Teams to Intensify Instruction for Students With or At-risk for Disabilities   | 84.324                    | R324X220051        |                                        | 399,327              |
| Resources Aligned and Integrated for Student Equity (RAISE): Protocol for Grade-level Teams to Intensify Instruction for Students With or At-risk for Disabilities   | 84.324                    | R324X220051        |                                        | (2,943)              |
| Project ENGAGE: Enhancing Student Engagement to Facilitate Learning and Well-Being                                                                                   | 84.324                    | R324X220067        |                                        | 394,493              |
| Examining the Initial Efficacy of the Goal Setting Challenge App: Impacts of Technology-Delivered Self-Determination Instruction on Secondary/Transition Outcomes    | 84.324                    | R324A230012        |                                        | 280,312              |
| Examining the Efficacy of Aligning Core Content-Area Reading Instruction and Small Group Reading Intervention for Students with Reading Disabilities (Project ALIGN) | 84.324                    | R324A230239        |                                        | 165,201              |
| Math Words: Vocabulary Support for Students Experiencing Difficulty in Mathematics                                                                                   | 84.324                    | R324A230238        |                                        | 79,358               |
| Effects of CIRCLES on the Provision of Transition Services and Resulting Transition Outcomes for Students with Disabilities                                          | 84.324                    | R324A230240        |                                        | 470,745              |
| Subtotal for AL No. 84.324                                                                                                                                           |                           |                    |                                        | 5,665,420            |
| Preparation of Special Education, Early Intervention, and Related Services Leadership Personnel                                                                      | 84.325                    | H325D160080        |                                        | 21,042               |
| Shared Writing Instructional Model(SWIM) for Students with Intellectual Disabilities                                                                                 | 84.326                    | H326M180010        |                                        | 117,130              |
| National Technical Assistance Center for Inclusive Practices and Policies                                                                                            | 84.326                    | H326Y220003        |                                        | 1,973,506            |
| Subtotal for AL No. 84.326                                                                                                                                           |                           |                    |                                        | 2,090,636            |
| Stepping Up Technology Enabled Self-Monitoring For High School Students with Disabilities                                                                            | 84.327                    | H327S170001        |                                        | 233,424              |
| Virtual reality Opportunities to Integrate Social Skills (VOISS)                                                                                                     | 84.327                    | H327S180006        |                                        | 350,934              |
| Center for Innovation, Design, and Digital Learning                                                                                                                  | 84.327                    | H327F200008        |                                        | 732,216              |
| Special Educator Technology-based Training of Trainers (SETTT) for Success                                                                                           | 84.327                    | H327S200015        |                                        | 552,168              |
| Project WRITE-APLM: Writing stRategies for Integrating Technology in Education with the Adaptive Professional Learning Model                                         | 84.327                    | H327S210009        |                                        | 366,702              |
| Project iKNOW: Increasing Knowledge and Natural Opportunities With Social Emotional Competence                                                                       | 84.327                    | H327R230015        |                                        | 168,633              |
| FLITE: STEM Coaching                                                                                                                                                 | 84.327                    | H327S230012        |                                        | 180,865              |
| Subtotal for AL No. 84.327                                                                                                                                           |                           |                    |                                        | 2,584,942            |
| Supporting High-Needs Elementary Students with the CW-FIT Program: Building for Scale and Sustainability                                                             | 84.411                    | U411B190025        |                                        | 1,697,336            |
| CW-FIT Rural Expansion: Gaining More Time to Learn and More Time to Teach in Rural Schools                                                                           | 84.411                    | S411A220001        |                                        | 1,518,168            |
| Subtotal for AL No. 84.411                                                                                                                                           |                           |                    |                                        | 3,215,504            |
| Subtotal: Department of Education- Direct                                                                                                                            |                           |                    |                                        | 19,093,910           |
| <u>Passthrough- AMERICAN INSTITUTES FOR RESEARCH</u>                                                                                                                 |                           |                    |                                        |                      |
| Evaluation of Transition Supports for Youth with Disabilities                                                                                                        | 84.000                    | PO 0489800006      | 91990019C0078                          | 169,084              |
| <u>Passthrough- ARCTIC SLOPE COMMUNITY FOUNDATION INC.</u>                                                                                                           |                           |                    |                                        |                      |
| Writing and Revising Interventions to Excel: Using Learning Maps and interventions to improve written communication (WRITE for Alaska Native CTE students            | 84.356                    | 25781 ASCF         |                                        | 466,695              |
| <u>Passthrough- CENTER FOR APPLIED SCIENCE TECHNOLOGY IN</u>                                                                                                         |                           |                    |                                        |                      |
| Project COaching On Learning (COOL) for UDL Implementation                                                                                                           | 84.326                    | none               |                                        | 53,406               |
| <u>Passthrough- KANSAS BOARD OF REGENTS</u>                                                                                                                          |                           |                    |                                        |                      |
| Jobs and Degree Requirements for 2030:An Expanded Analysis of Projections from Georgetown University Center on Education and the Workforce                           | 84.425                    |                    |                                        | 40,690               |
| <u>Passthrough- KANSAS DEPARTMENT OF EDUCATION</u>                                                                                                                   |                           |                    |                                        |                      |
| SPDG Evaluation                                                                                                                                                      | 84.323                    | 652-23-2254        | State Personnel Development Grant      | 244,657              |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                                            | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number                           | Federal Expenditures |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|------------------------------------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                                                      |                           |                    |                                                                  |                      |
| <b>Department of Education (Continued)</b>                                                                                                                                                               |                           |                    |                                                                  |                      |
| <u>Passthrough- LAS CRUCES PUBLIC SCHOOLS</u>                                                                                                                                                            |                           |                    |                                                                  |                      |
| Comprehensive Literacy State Development Grant - Las Cruces Public Schools                                                                                                                               | 84.371                    | CSA20-21-01        |                                                                  | 225,260              |
| <u>Passthrough- METROPOLITAN NASHVILLE PUBLIC SCHOOLS</u>                                                                                                                                                |                           |                    |                                                                  |                      |
| GEAR UP Nashville Project                                                                                                                                                                                | 84.334                    | 2-00530-01         | Gaining Early Awareness and Readiness for Undergraduate Programs | 201,151              |
| <u>Passthrough- PURDUE UNIVERSITY</u>                                                                                                                                                                    |                           |                    |                                                                  |                      |
| Para-Impact: Professional Development with Teacher-as-Coach for Paraeducators of Elementary Students with Moderate-to-Severe Developmental Disabilities                                                  | 84.324                    | 19100063-004       |                                                                  | 3,816                |
| <u>Passthrough- UNITED CEREBRAL PALSY OF CENTRAL FLORIDA INC</u>                                                                                                                                         |                           |                    |                                                                  |                      |
| PROJECT RAISE: Robots and Artificial Intelligence to Improve Social Skills for Elementary Students                                                                                                       | 84.327                    | SRA28824           | H327S200009                                                      | 19,509               |
| <u>Passthrough- UNIV OF NORTH CAROLINA AT CHAPEL HILL</u>                                                                                                                                                |                           |                    |                                                                  |                      |
| Effects of Implicit Bias on Children's Early Outcomes                                                                                                                                                    | 84.305                    | 5127932            | Education Research Grant                                         | 116,294              |
| <u>Passthrough- UNIVERSITY OF CONNECTICUT</u>                                                                                                                                                            |                           |                    |                                                                  |                      |
| Exploring Relationships between College and Career Readiness, Self-Determination, and Transition Planning among Adolescents with Disabilities                                                            | 84.324                    | 450820             | R324A210245                                                      | 30,589               |
| <u>Passthrough- UNIVERSITY OF IOWA</u>                                                                                                                                                                   |                           |                    |                                                                  |                      |
| Evaluate effectiveness of Waterloo CSD & Council Bluffs CSD exploratory projects & statewide implementation of specially designed instruction, including evaluation of the State Identified Measure of R | 84.425                    | S03566-01          | ESSER II and IDEA part B                                         | 219,871              |
| <u>Passthrough- UNIVERSITY OF MINNESOTA</u>                                                                                                                                                              |                           |                    |                                                                  |                      |
| Initial Efficacy Trial of a Group-Based Implementation Strategy Designed to Increase Teacher Delivery of Evidence-Based Prevention Programs                                                              | 84.305                    | A008888703         | R305A210241-3                                                    | -                    |
| <u>Passthrough- UNIVERSITY OF MISSOURI - COLUMBIA</u>                                                                                                                                                    |                           |                    |                                                                  |                      |
| Evaluating the Efficacy of a Daily Check-in/Check-out Intervention for Students At-Risk for Emotional and Behavioral Disorders                                                                           | 84.324                    | C00064320-2        |                                                                  | 130,287              |
| <u>Passthrough- UNIVERSITY OF OREGON</u>                                                                                                                                                                 |                           |                    |                                                                  |                      |
| Technical Assistance Center on Positive Behavioral Interventions and Supports VI                                                                                                                         | 84.326                    | 225340C            | H326S230002                                                      | 6,297                |
| <u>Passthrough- UNIVERSITY OF TEXAS-AUSTIN</u>                                                                                                                                                           |                           |                    |                                                                  |                      |
| The Self-Determined Learning Model of Instruction for Reading (SDLMI-R): Improving Outcomes of Upper Elementary Students with or At-Risk for Reading Disability                                          | 84.324                    | UTA21-000354       | R324A210204                                                      | 143,787              |
| <u>Passthrough- UNIVERSITY OF WASHINGTON</u>                                                                                                                                                             |                           |                    |                                                                  |                      |
| Initial Efficacy Trial of a Group-Based Implementation Strategy Designed to Increase Teacher Delivery of Evidence-Based Prevention Programs                                                              | 84.305                    |                    |                                                                  | 9,059                |
| <u>Passthrough- UNIVERSITY OF WISCONSIN-MADISON</u>                                                                                                                                                      |                           |                    |                                                                  |                      |
| Item Development for New Forms of Alternate ACCESS for ELLs (Alt ACCESS Advancing ALTELLA: Alternate Assessment Redesign                                                                                 | 84.368                    | 22-8755            | S368A190004                                                      | 6,381                |
| Subtotal: Department of Education- Passthrough                                                                                                                                                           |                           |                    |                                                                  | 2,086,833            |
| <b>Total: Department of Education</b>                                                                                                                                                                    |                           |                    |                                                                  | <b>21,180,743</b>    |
| <b>Department of Health and Human Services</b>                                                                                                                                                           |                           |                    |                                                                  |                      |
| <u>Direct</u>                                                                                                                                                                                            |                           |                    |                                                                  |                      |
| Bridging the Word Gap Research Network                                                                                                                                                                   | 93.110                    | UA6MC27762         |                                                                  | (32)                 |
| Bridging the Word Gap Research Network                                                                                                                                                                   | 93.110                    | U6DMC42197         |                                                                  | 343,927              |
| Building Capacity of Early Childhood Providers to Promote Language Learning of Infants and Young Children from Underserved Communities                                                                   | 93.110                    | 1R40MC49145-01-00  |                                                                  | 181,994              |
| Subtotal for AL No. 93.110                                                                                                                                                                               |                           |                    |                                                                  | 525,889              |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                      | Assistance<br>Listing<br>Number | Identifying<br>Number | Pass-through<br>Entity<br>Identifying<br>Number | Federal<br>Expenditures |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------|-------------------------------------------------|-------------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                                |                                 |                       |                                                 |                         |
| <b>Department of Health and Human Services (Continued)</b>                                                                                                                         |                                 |                       |                                                 |                         |
| Toxicogenomics of metal response in genetically-variable Drosophil populations                                                                                                     | 93.113                          | 5R01ES029922-03       |                                                 | 74,586                  |
| Linking genomic, physiological, and behavioral responses using a Drosophila model of heavy metal stress                                                                            | 93.113                          | K99ES033257           |                                                 | 28,069                  |
| Subtotal for AL No. 93.113                                                                                                                                                         |                                 |                       |                                                 | 102,655                 |
| Peptide-Polymer Engineering Dentin/Adhesive Interfacial Bond Integrity                                                                                                             | 93.121                          | R01DE025476           |                                                 | 430,462                 |
| Peptide Enabled Tunable Restorative Interface                                                                                                                                      | 93.121                          | 1R56DE032903          |                                                 | 113,022                 |
| Subtotal for AL No. 93.121                                                                                                                                                         |                                 |                       |                                                 | 543,484                 |
| Evaluation of a Comprehensive Approach to Address Youth Violence through the Kansas City Youth Violence Prevention Center                                                          | 93.136                          | U01CE003375           |                                                 | 1,092,106               |
| Interactive book reading to accelerate word learning by children with SLI                                                                                                          | 93.173                          | R01DC012824           |                                                 | 91,686                  |
| Morphosyntactic Abilities of SLI Probands                                                                                                                                          | 93.173                          | 5R01DC001803          |                                                 | (5,814)                 |
| A virtual vocal tract for speech output using non-invasive brain-computer interface                                                                                                | 93.173                          | 1R01DC016343-02       |                                                 | 267,062                 |
| Training Researchers in Language Impairments                                                                                                                                       | 93.173                          | T32DC000052           |                                                 | 11,765                  |
| Genetic studies of specific language impairment (SLI) using consanguineous families                                                                                                | 93.173                          | R21DC017830           |                                                 | 31,779                  |
| Examining adaptive peer-mediated interventions for preschoolers with autism spectrum disorder and limited or no spoken language: A Sequential Multiple Assignment Randomized Trial | 93.173                          | 1R01DC020418          |                                                 | 556,779                 |
| More and Less Social Comprehension: Child and Text Factors for Autistic Children                                                                                                   | 93.173                          | R21DC020786           |                                                 | 186,327                 |
| Understanding how caregivers shape reciprocal communication with nonspeaking autistic children                                                                                     | 93.173                          | 1F31DC021869          |                                                 | 1,192                   |
| Subtotal for AL No. 93.173                                                                                                                                                         |                                 |                       |                                                 | 1,140,776               |
| Care and Safety Practices during the COVID-19 Pandemic in Home-Based Long term Services and Supports                                                                               | 93.226                          | R01HS028172           |                                                 | 40,354                  |
| Motor abnormalities and functional brain mechanisms in autism spectrum disorder                                                                                                    | 93.242                          | R01MH112734           |                                                 | 553                     |
| Smart Technology for Anorexia Nervosa Recovery: A Pilot Intervention for the Post-Acute Treatment of Anorexia Nervosa                                                              | 93.242                          | R34MH127022           |                                                 | 276,774                 |
| Exploring predictors of response to a peer-mediated communication intervention for minimally verbal preschoolers with ASD                                                          | 93.242                          | R21DC019215           |                                                 | 22,129                  |
| Neurocircuit of Partner-seeking Following Social Loss                                                                                                                              | 93.242                          | R01MH133123           |                                                 | 573,997                 |
| Subtotal for AL No. 93.242                                                                                                                                                         |                                 |                       |                                                 | 873,453                 |
| A cluster-randomized trial of a behavioral activation intervention administered in a college freshman orientation course                                                           | 93.273                          | R01AA027791           |                                                 | 368,294                 |
| Using Neuroeconomics to Characterize State-Based Increases and Decreases in Alcohol Value                                                                                          | 93.273                          | R01AA027255           |                                                 | 212,028                 |
| Subtotal for AL No. 93.273                                                                                                                                                         |                                 |                       |                                                 | 580,322                 |
| Neuronal Circuits and Molecular Mechanisms Underlying Early Social Isolation-Potentiated Heroin Seeking                                                                            | 93.279                          | 1K01DA050908          |                                                 | 76,086                  |
| The role of DNA breaks and repairs in opioid addiction                                                                                                                             | 93.279                          | 1DP1DA056804          |                                                 | 472,049                 |
| Subtotal for AL No. 93.279                                                                                                                                                         |                                 |                       |                                                 | 548,135                 |
| Biotechnology Resource Center of Biomodular Multi scale Systems CBM2 for Precision Molecular Diagnostics                                                                           | 93.286                          | P41EB020594-06        |                                                 | (1,295)                 |
| Scanning Resonator Microscopy                                                                                                                                                      | 93.286                          | R03EB027357           |                                                 | 2,628                   |
| Biotechnology Resource Center for BioModular Multi-scale Systems (CBM2) for Precision Medicine                                                                                     | 93.286                          | P41EB020594           |                                                 | 1,033,474               |
| mRNA Expression Profiling from Extracellular Vesicles (EVs): Generating a Rapid Diagnostic for Stroke                                                                              | 93.286                          | R01EB031579           |                                                 | 531,722                 |
| Subtotal for AL No. 93.286                                                                                                                                                         |                                 |                       |                                                 | 1,566,529               |
| A Resource for the Genetic Dissection of Complex Traits                                                                                                                            | 93.351                          | 1R01OD034064-01       |                                                 | 360,315                 |
| Increased Sensitivity of Minimal Residual Disease Monitoring using Peripheral Blood in Pediatric Patients with Acute Lymphoblastic Leukemia                                        | 93.394                          | R33CA235597           |                                                 | 178,754                 |
| Nano-Engineered Lab-on-a-Chip for Assessing HuR-Regulated Exosomes for Cancer Monitoring and Targeted Therapy                                                                      | 93.394                          | R01CA243445           |                                                 | 598,456                 |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                     | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                               |                           |                    |                                        |                      |
| <b>Department of Health and Human Services (Continued)</b>                                                                                        |                           |                    |                                        |                      |
| Molecular Sub-typing Breast Cancer Patients using a Liquid Biopsy                                                                                 | 93.394                    | R21CA272351        |                                        | 261,212              |
| Subtotal for AL No. 93.394                                                                                                                        |                           |                    |                                        | 1,038,422            |
| Targeted Proteomics of MUC16 to Enable Early Detection of Ovarian Cancer Recurrence                                                               | 93.395                    | R21CA267532        |                                        | 196,918              |
| Research and Training Center on Community Living                                                                                                  | 93.433                    | 90RT5043-04-01     |                                        | 143,808              |
| Promoting Career Design and Development via Telehealth for Rural Adults with Intellectual and Developmental Disabilities                          | 93.433                    | 90IFRE0039         |                                        | 142,488              |
| Using the National Survey on Health and Disability Panel to Document the COVID-19 Pandemic Experiences of Working-Age Americans with Disabilities | 93.433                    | 90IFRE0050         |                                        | 130,184              |
| Subtotal for AL No. 93.433                                                                                                                        |                           |                    |                                        | 416,480              |
| Kansas State Plan for Assistive Technology                                                                                                        | 93.464                    | 2101KSATSG-02      |                                        | 8,951                |
| ATPH-Expanding the Public Health Workforce within the Disability Network: AT St. Grants                                                           | 93.464                    | 2201KSATPH-00      |                                        | (7,841)              |
| Kansas State Plan for Assistive Technology 2021-2023                                                                                              | 93.464                    | 2201KSATSG         |                                        | 286,536              |
| Kansas State Plan for Assistive Technology                                                                                                        | 93.464                    | 2301KSATSG-        |                                        | 198,677              |
| Subtotal for AL No. 93.464                                                                                                                        |                           |                    |                                        | 486,323              |
| Kansas Invests in Families (KInvest)                                                                                                              | 93.556                    | 90CW1150           |                                        | 453,032              |
| Head Start Collaboration Office Needs Assessment                                                                                                  | 93.600                    | none               |                                        | 266                  |
| Kansas Self-determined Transition Employment Partnership (K-STEP): Youth-Led Systems Change for Enhanced Transition and Employment Outcomes       | 93.631                    | 90DNCE0002         |                                        | 226,156              |
| State of the States in Developmental Disabilities-On-going Data Collection and Information Dissemination: 2018                                    | 93.631                    | 90DNPA0004         |                                        | 222,060              |
| State of the States in Intellectual and Developmental Disabilities                                                                                | 93.631                    | 90DNPA0005         |                                        | 231,103              |
| Subtotal for AL No. 93.631                                                                                                                        |                           |                    |                                        | 679,319              |
| Kansas Self-Determined Transition Taskforce: Moving Forward To Enhance Transition Outcomes                                                        | 93.632                    | 90DDCI0003         |                                        | 211,481              |
| Expanding the Public Health Workforce in Kansas                                                                                                   | 93.632                    | 90UCPH0004-01-00   |                                        | 42,093               |
| Kansas University Center on Developmental Disabilities: 2022-2027                                                                                 | 93.632                    | 90DDUC0096         |                                        | 529,812              |
| Subtotal for AL No. 93.632                                                                                                                        |                           |                    |                                        | 783,386              |
| Universal Prevention for Strong and Thriving Families (Family Strong)                                                                             | 93.648                    | 90CT7013-01-00     |                                        | 844,193              |
| Kansas Strong for Children and Families (Kansas Strong)                                                                                           | 93.652                    | 90CO1139           |                                        | 1,467,734            |
| Kansas Bravely Raising & Activating Voices for Equity                                                                                             | 93.670                    | 90CA1889-01-00     |                                        | 228,364              |
| Integrated Health Scholars: Partnerships to Advance Practice                                                                                      | 93.732                    | M01HP31360         |                                        | 506,259              |
| Optimizing a Sensor-Enabled mHealth Intervention for Adolescents with Suboptimal Asthma Control                                                   | 93.838                    | R34HL167214        |                                        | 58,767               |
| Roles for Adenomatous polyposis coli in colon injury prevention and wound healing                                                                 | 93.847                    | R01DK132320        |                                        | 453,286              |
| Structural and functional connectivity of the social decision-making network                                                                      | 93.853                    | 3R01NS113104-02S1  |                                        | 277,576              |
| A Novel Pharmacologic Approach to Treat CMT1X                                                                                                     | 93.853                    | 4R33NS114355       |                                        | 167,767              |
| Regulation of directed neuroblast migration by the ECM and MAB-5/Hox                                                                              | 93.853                    | 1R01NS115467-01A1  |                                        | 287,604              |
| Wearable real-time functional brain mapping for a non-human primate stroke model                                                                  | 93.853                    | R01NS118918        |                                        | 630,784              |
| Mechanisms and biomarkers of disease progression in Fragile X-associated tremor/ataxia syndrome (FXTAS)                                           | 93.853                    | 1R01NS131337-01A1  |                                        | 23,542               |
| Subtotal for AL No. 93.853                                                                                                                        |                           |                    |                                        | 1,387,273            |
| The causes of balancing selection on immunity genes: from populations to molecular interactions.                                                  | 93.855                    | 1R01AI139154-01    |                                        | 101,010              |
| Identification of CYP5122A1 inhibitors as chemical probes for Leishmania biology                                                                  | 93.855                    | 5R01AI139198-03    |                                        | 163,205              |
| Identifying functional targets of HSV-1 ICP0-directed degradation                                                                                 | 93.855                    | R21AI154302        |                                        | 4,080                |
| Resistance-gene-guided genome mining for novel antifungal compounds                                                                               | 93.855                    | R21A1156320        |                                        | 48,926               |
| Identifying the targets of virus-induced PARPs during SARS-CoV-2 infection                                                                        | 93.855                    | 1R21AI173781       |                                        | 239,156              |
| Subtotal for AL No. 93.855                                                                                                                        |                           |                    |                                        | 556,377              |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                            | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                      |                           |                    |                                        |                      |
| <b>Department of Health and Human Services (Continued)</b>                                                                               |                           |                    |                                        |                      |
| KU Post Baccalaureate Research Education Program (PREP)                                                                                  | 93.859                    | R25GM078441        |                                        | 349,703              |
| University of Kansas/Haskell Indian Nations University IRACDA Project                                                                    | 93.859                    | 5K12GM063651-18    |                                        | 228,519              |
| Mass Spectrometry Measurements for Complex PTMS                                                                                          | 93.859                    | 5R35GM130354-03    |                                        | 312,581              |
| Graduate Training at the Biology-Chemistry Interface                                                                                     | 93.859                    | T32GM132061        |                                        | 343,219              |
| Enhanced Sampling of G-Protein-Coupled Receptor-G Protein Interactions                                                                   | 93.859                    | R01GM132572        |                                        | 47,747               |
| MARC at The University of Kansas                                                                                                         | 93.859                    | T34GM136453        |                                        | 338,059              |
| Determining mechanisms of innate immune modulation by ADP-ribosylation                                                                   | 93.859                    | R35GM138029        |                                        | 353,182              |
| Quorum sensing evolution and function in mixed bacterial communities                                                                     | 93.859                    | R35GM133572        |                                        | 351,738              |
| Chemical Biology of Infectious Disease                                                                                                   | 93.859                    | 2P20GM113117       |                                        | 2,704,240            |
| Tethered aza-Wacker Technology for Complex Antibiotic Assembly                                                                           | 93.859                    | R35GM142499        |                                        | 279,203              |
| Molecular Analysis of Disease Pathways                                                                                                   | 93.859                    | 1P30GM145499       |                                        | 1,333,696            |
| Integrated Resource for Protein Recognition Studies                                                                                      | 93.859                    | 2R01GM074255       |                                        | 185,727              |
| Bridges to the Baccalaureate Research Training Program at the University of Kansas/Haskell Indian Nations University                     | 93.859                    | 5T34GM142615       |                                        | 141,393              |
| Modulating gene expression by RNA-targeting chimeras                                                                                     | 93.859                    | R35GM147498        |                                        | 409,631              |
| New catalytic strategies to make non-proteinogenic peptides                                                                              | 93.859                    | 1R35GM147169-01    |                                        | 394,198              |
| SCISIPBIO: Examining the Career Barriers Confronting African American or Black Biomedical Scientists                                     | 93.859                    | 1R01GM148816       |                                        | 19,139               |
| Glycoscience Tools and Therapeutics                                                                                                      | 93.859                    | R35GM151083        |                                        | 255,161              |
| Leveraging Big Data to Improve Women's Health (BD-WH)                                                                                    | 93.859                    | 1P20GM152280       |                                        | 91,281               |
| Plugging & Pulling-in: tuning peptide for ToIC to overcome antibiotic resistance                                                         | 93.859                    | 1R01GM148583-01A1  |                                        | 234,467              |
| Subtotal for AL No. 93.859                                                                                                               |                           |                    |                                        | 8,372,884            |
| Kansas Intellectual and Developmental Disabilities Research Center                                                                       | 93.865                    | U54HD090216        |                                        | 113,744              |
| Individual and family-based approaches to increase physical activity in adolescents with IDD                                             | 93.865                    | R01HD094704        |                                        | 580,250              |
| Gatlinburg Conference on Research in ID/DD                                                                                               | 93.865                    | R13HD102142        |                                        | 113,046              |
| Parent-implemented treatment for repetitive behaviors in children with ASD: Using a novel telehealth approach to increase service access | 93.865                    | 5R01HD105036       |                                        | 399,804              |
| The Role of Hostile Attribution Bias and Working Memory in the Link between Trauma Exposure and Violence in Justice-Involved Youth       | 93.865                    | F31HD106745        |                                        | 7,448                |
| FXS: Late Adolescence and Early Adulthood                                                                                                | 93.865                    | 2R01HD084563-06A1  |                                        | 453,027              |
| Psychometrics and Predictive Validity of Infant Learning                                                                                 | 93.865                    | R01HD109221        |                                        | 254,510              |
| Subtotal for AL No. 93.865                                                                                                               |                           |                    |                                        | 1,921,829            |
| Sporadic Alzheimer's Disease: A Bioenergetic Etiology?                                                                                   | 93.866                    | 1R01AG061038-02    |                                        | 220,204              |
| A Dyadic Approach for a Remote Physical Activity Intervention in Adults with Alzheimer's Disease and their Caregivers                    | 93.866                    | R01AG061187        |                                        | 1,008,678            |
| Synapse structural dynamics and memory loss in mouse models of Alzheimers disease                                                        | 93.866                    | R01AG064067        |                                        | 281,460              |
| Remediation of elevated delay discounting in mid-life individuals: A stage-II trial                                                      | 93.866                    | R01AG048904        |                                        | 374,103              |
| Structure and Function of Gamma-Secretase in Familial Alzheimer's Disease                                                                | 93.866                    | R01AG066986        |                                        | 659,071              |
| Mitochondria targeting for Alzheimer's Disease                                                                                           | 93.866                    | 3R21AG070466       |                                        | 136,592              |
| A Study of Race Differences in Alzheimer's Disease Biomarkers                                                                            | 93.866                    | RF1AG072760        |                                        | 356,138              |
| Ghsr1a and Hippocampal Pathology in Alzheimer's Disease                                                                                  | 93.866                    | RAG059753          |                                        | 312,332              |
| mtDNA leakage and STING-dependent microglial innate immune response in Alzheimer's disease                                               | 93.866                    | 1R01AG075108       |                                        | 428,109              |
| Reshaping ApoE4 and Alzheimer's Brains with ApoE2                                                                                        | 93.866                    | 1R01AG071682       |                                        | 524,107              |
| Neurodegenerative mechanisms of motor, executive, and memory decline in females with Fragile X-associated tremor/ataxia syndrome (FXTAS) | 93.866                    | R21AG080923        |                                        | 170,866              |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                    | Assistance Listing Number | Identifying Number  | Pass-through Entity Identifying Number | Federal Expenditures |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                              |                           |                     |                                        |                      |
| <b>Department of Health and Human Services (Continued)</b>                                                                       |                           |                     |                                        |                      |
| A Novel Method to Enhance Drug Delivery to the Brain                                                                             | 93.866                    | 1R01AG082273        |                                        | 38,609               |
| Subtotal for AL No. 93.866                                                                                                       |                           |                     |                                        | 4,510,269            |
| Precisely removing microvessels by photo-mediated ultrasound therapy                                                             | 93.867                    | R01EY029489         |                                        | 101,268              |
| CARE Project Referral Network - IRIS (TO 23027)                                                                                  | 93.994                    | TO23027             |                                        | 68,568               |
| Subtotal: Department of Health and Human Services- Direct                                                                        |                           |                     |                                        | 31,905,235           |
| <u>Passthrough- ALBANY MEDICAL COLLEGE</u>                                                                                       |                           |                     |                                        |                      |
| Role of a Fatty Acid Chaperone in Schwann Cell Myelination                                                                       | 93.853                    | GR10000124          | 1R01NS134493                           | 4,244                |
| <u>Passthrough- AMERICAN ACADEMY OF PEDIATRICS</u>                                                                               |                           |                     |                                        |                      |
| Act Early Ambassador 2023-2024                                                                                                   | 93.283                    | none                | Learn the Signs. Act Early Program     | 1,148                |
| <u>Passthrough- ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES</u>                                                            |                           |                     |                                        |                      |
| Act Early Ambassador 2022 - 2023                                                                                                 | 93.283                    | none                | Learn the Signs. Act Early Program     | 3,591                |
| Act Early Ambassadors: State or Territorial Liaisons to CDCs, Learn the Signs. Act Early. Program                                | 93.837                    | none                |                                        | (207)                |
| <u>Passthrough- AXIOFORCE</u>                                                                                                    |                           |                     |                                        |                      |
| 3D force sensing insoles for wearable, AI empowered, high-fidelity gait monitoring                                               | 93.286                    | SRA28688            | R42EB034605                            | 73,619               |
| <u>Passthrough- BRIGHAM &amp; WOMEN'S HOSPITAL RESEARCH ADMINISTRATION</u>                                                       |                           |                     |                                        |                      |
| Leveraging Heterogeneity in Autosomal Dominant AD to Elucidate Pathophysiology and Improve AD Biomarkers                         | 93.866                    | 127688              | 1RF1AG079569-01                        | 235,877              |
| <u>Passthrough- CHILDREN'S MERCY HOSPITALS &amp; CLINICS</u>                                                                     |                           |                     |                                        |                      |
| Childhood Housing Assistance and Adult Health: Life Course Critical Periods and Cumulative Impact                                | 93.865                    | 42013124            | R21HD107247                            | 16,364               |
| <u>Passthrough- COLUMBIA UNIVERSITY</u>                                                                                          |                           |                     |                                        |                      |
| GLO1/AB-mediated mitochondrial and synaptic injury in Alzheimer's disease                                                        | 93.866                    | 1(GG018633-01)      | 1RF1AG081575-01                        | 121,274              |
| <u>Passthrough- COMMUNITY CARE CORPS THE OASIS INSTITUTE</u>                                                                     |                           |                     |                                        |                      |
| University of Kansas Transition to Postsecondary Education (KU TPE) Peer Navigators                                              | 93.048                    | none                | 90CCDG0001-04-00                       | 42,320               |
| <u>Passthrough- CONTINUUM EDUCATIONAL TECHNOLOGIES PBC</u>                                                                       |                           |                     |                                        |                      |
| Smart Tools to Accelerate Research Translation by Uplifting Participants for the Central IDeA State Region (STARTUP Central)     | 93.859                    | 27004               | 1UT2GM148086-01                        | 155,669              |
| <u>Passthrough- CRAWFORD COUNTY</u>                                                                                              |                           |                     |                                        |                      |
| Certified Behavioral Health Clinic (CCBHC) Planning, Development, and Implementation Grant Project Evaluation -- Crawford County | 93.696                    | 27209               | H79SM086722                            | 170,877              |
| <u>Passthrough- DIGITAL NANOGENETICS LLC</u>                                                                                     |                           |                     |                                        |                      |
| A novel single molecule sequencing technology for direct, label-less detection of unamplified DNA single molecules               | 93.172                    | 1R43HG010551-01-Sub | 1R43HG010551-01                        | 1                    |
| <u>Passthrough- DirectSYNC SURGICAL, LLC</u>                                                                                     |                           |                     |                                        |                      |
| Spinal Fusion Implant with Integrated Fusion Progression Diagnostic Capability                                                   | 93.846                    | SRA27460            |                                        | 2,403                |
| <u>Passthrough- DUKE UNIVERSITY</u>                                                                                              |                           |                     |                                        |                      |
| Novel Immunogens to Elicit Broadly Cross-reactive Antibodies that Target the Hemagglutinin Head Trimer Interface.                | 93.855                    | A035386             | 1R01AI155804-01A1                      | 29,554               |
| Duke Center for HIV Structural Biology: Protein analytics support to characterize Env Proteins                                   | 93.855                    | 303000855           | 1U54AI170752-01                        | 37,424               |
| <u>Passthrough- EMORY UNIVERSITY</u>                                                                                             |                           |                     |                                        |                      |
| Emory Home Visiting Program                                                                                                      | 93.434                    | A630801             | 90TP0070                               | 92                   |
| <u>Passthrough- FAMILIES AND COMMUNITIES RISING, INC.</u>                                                                        |                           |                     |                                        |                      |
| National Center for Community-Based Child Abuse Prevention                                                                       | 93.590                    | none                | 90CZ0027                               | 25,327               |
| <u>Passthrough- FUTURES WITHOUT VIOLENCE</u>                                                                                     |                           |                     |                                        |                      |
| A Quality Improvement center on domestic violence in child welfare                                                               | 93.670                    | 3037 Addendum #1    | 90CA 1850-04                           | 55                   |
| <u>Passthrough- GEORGIA INSTITUTE OF TECHNOLOGY</u>                                                                              |                           |                     |                                        |                      |
| Discovering novel predictors of minimally verbal outcomes in autism through computational modeling                               | 93.173                    | AWD-004137-G1       | R01DC020048                            | 298,737              |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                | Assistance Listing Number | Identifying Number            | Pass-through Entity Identifying Number | Federal Expenditures |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                          |                           |                               |                                        |                      |
| <b>Department of Health and Human Services (Continued)</b>                                                                                                                   |                           |                               |                                        |                      |
| <u>Passthrough- HENRY FORD HEALTH SYSTEM</u>                                                                                                                                 |                           |                               |                                        |                      |
| Reducing Maternal Delay Discounting as a Target Mechanism to Decrease Harsh Parenting and Improve Child Mental Health Outcomes in a Traditionally Underserved Community      | 93.242                    | B11239UK                      | 1R34MH123602-01A1                      | 13,850               |
| Improving Delay Discounting to Decrease Harsh Parenting among Parents Receiving Substance Use Treatment in a Low Resource Community                                          | 93.279                    | B11238UK                      | 1R34DA053524-                          | 6,575                |
| Improving Decision Making to Prevent Substance Misuse among Adolescents from Traditionally Underserved Communities                                                           | 93.279                    | B11256UK                      | 1R34DA056732                           | 36,770               |
| <u>Passthrough- HORIZONS MENTAL HEALTH CENTER</u>                                                                                                                            |                           |                               |                                        |                      |
| Mental Health Awareness Training Project Evaluation                                                                                                                          | 93.243                    |                               | 1H79SM084510-01                        | 16,875               |
| CCBHC Expansion Grants                                                                                                                                                       | 93.829                    | 24921                         | H79SM083196                            | (1,953)              |
| <u>Passthrough- IDAHO STATE DEPARTMENT OF EDUCATION</u>                                                                                                                      |                           |                               |                                        |                      |
| Idaho Advancing Wellness and Resiliency in Education (ID-AWARE)                                                                                                              | 93.243                    | 23-7905                       |                                        | 60,813               |
| Idaho Advancing Wellness and Resiliency in Education (ID-AWARE) FY2024                                                                                                       | 93.243                    | 24-7819                       |                                        | 103,513              |
| <u>Passthrough- IOWA DEPARTMENT OF HUMAN SERVICES</u>                                                                                                                        |                           |                               |                                        |                      |
| FY24 Community Check Box Evaluation System for Partnerships for Success to Prevent Alcohol Misuse (FPS-PAM) PFS PAM                                                          | 93.243                    | BEHESPP24320                  |                                        | 38,451               |
| Iowa ROM 2021 - 2026                                                                                                                                                         | 93.658                    | ACFS 21-206                   |                                        | 42,805               |
| <u>Passthrough- JOHNS HOPKINS UNIVERSITY</u>                                                                                                                                 |                           |                               |                                        |                      |
| An Examination of the Joint Contributions of Socioeconomic Disadvantage, Genetics, and COVID-19 on the Development of Delay Discounting and Substance Use Across Adolescence | 93.279                    | 2005711194                    | R01DA057552                            | 12,294               |
| <u>Passthrough- KANSAS CHILD CARE TRAINING OPPORTUNITY</u>                                                                                                                   |                           |                               |                                        |                      |
| Statewide Infant-Toddler Specialist Network: KCCTO-KITS Partnership FY 2023                                                                                                  | 93.575                    | 23358                         | EES-2021-ITSN-01                       | 1,013,483            |
| <u>Passthrough- KANSAS CHILDREN'S CABINET AND TRUST FUND</u>                                                                                                                 |                           |                               |                                        |                      |
| HHS/ACF Preschool Development Grant Birth through Five                                                                                                                       | 93.434                    | PO12995                       | LOC fund 3592-3070-Z01023              | 1,942,233            |
| Kansas PDG B-5 Planning Grant 2                                                                                                                                              | 93.434                    | none                          | 90TP0112-01                            | 1,021,689            |
| KS ECIDS Distinct Count of Children Project                                                                                                                                  | 93.558                    |                               |                                        | 474,554              |
| Kansas Workforce Registry                                                                                                                                                    | 93.575                    | none                          |                                        | 478,650              |
| Community-Based Grants for the Prevention of Child Abuse and Neglect (CBCAP)                                                                                                 | 93.590                    | KUCR-CC-CBCAP-2021-2024-C     |                                        | 194,830              |
| Community-Based Grants for the Prevention of Child Abuse and Neglect (CBCAP)                                                                                                 | 93.590                    | G-210LSBCAP                   | 210LSBCAP                              | 3,222                |
| WellBeing Mapping CBCAP Program                                                                                                                                              | 93.590                    | none                          | 2101KSBC6/BCC6                         | 147,116              |
| Building Early Childhood-Child Welfare Partnerships to Support the Well-Being of Young Children, Families, and Caregivers                                                    | 93.670                    | NONE                          | 90CA1879-01-00                         | 118,103              |
| <u>Passthrough- KANSAS DEPARTMENT FOR CHILDREN AND FAMILIES</u>                                                                                                              |                           |                               |                                        |                      |
| Kansas Reading Road Map Evaluation                                                                                                                                           | 93.558                    | 39403                         |                                        | -                    |
| Family Resource Center Evaluation                                                                                                                                            | 93.558                    | PPS-2023-KUFRCEV-01           |                                        | 360,394              |
| Kansas Enrichment Network FY 2021 - 2023                                                                                                                                     | 93.575                    | 49429                         | Child Care and Development Block Grant | 3,146                |
| Head Start Collaboration Office Needs Assessment 2023                                                                                                                        | 93.600                    | EES-2023-KUHSCO-01            |                                        | 14,419               |
| Kansas Navigator Series for Supported Decision-Making                                                                                                                        | 93.630                    | KCDD-2023-KUCR-01             | 2201KSSCDD-D2                          | 25,477               |
| Prevention Grant Evaluation, Families First Prevention Services Act                                                                                                          | 93.658                    | PPS-2019-FFPEV                |                                        | 683,204              |
| <u>Passthrough- KANSAS DEPARTMENT OF HEALTH &amp; ENVIRONMT</u>                                                                                                              |                           |                               |                                        |                      |
| Mosquito Surveillance (23063)                                                                                                                                                | 93.063                    | 23063                         | NU50CK000549                           | 39,151               |
| Maternal Anti-Violence Innovation and Sharing (MAVIS) (TO 24045)                                                                                                             | 93.088                    | TO 24045, Contract 48567 UKCR | ASTWH210098                            | 43,626               |
| Master Agreement                                                                                                                                                             | 93.110                    | 48567 - TO 21007              | 5UK3MC322410300                        | 2                    |
| KSKidsMAP, IRIS Expansion                                                                                                                                                    | 93.110                    | 23099                         |                                        | 4,830                |
| Kansas Connecting Communities (KCC) Year 5; MAVIS Year 2                                                                                                                     | 93.110                    | 48567, TO 23026               | UK3MC32241 and ASTWH210098             | 333,027              |
| Kansas Connecting Communities (KCC) (TO 24038)                                                                                                                               | 93.110                    | 24038                         |                                        | 163,931              |
| COVID-19 Vaccination Education and Outreach                                                                                                                                  | 93.129                    | 48567 TO23056                 | H8GCS48067-01-00                       | 14,493               |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                   | Assistance Listing Number | Identifying Number             | Pass-through Entity Identifying Number                       | Federal Expenditures |
|-----------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------|--------------------------------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                             |                           |                                |                                                              |                      |
| <b>Department of Health and Human Services (Continued)</b>                                                      |                           |                                |                                                              |                      |
| Kansas Department of Health and Environment Contract for Second Step Evaluation Project                         | 93.136                    | TO21051                        | 5NUF2CE002495-03-00                                          | 11                   |
| Sexual Violence Primary Prevention Community Based Project Evaluation                                           | 93.136                    | TO22057                        | 5NUF2CE002495                                                | (971)                |
| Evaluation of Programs at KU Sexual Assault Prevention and Education Center                                     | 93.136                    | TO 22051                       | 5NUF2CE002495                                                | 10,772               |
| Sexual Violence Primary Prevention Community-Based Evaluation                                                   | 93.136                    | TO 23051 under contract 48567  | NUF2CE002495                                                 | 44,852               |
| Evaluation of 2023-2024 Second Step Schools                                                                     | 93.136                    | 24031                          | NUF2CE002495                                                 | 6,094                |
| Evaluation of Programs at KU Sexual Assault Prevention and Education Center                                     | 93.136                    | TO 23053, Contract 48567       | 5NUF2CE002495                                                | 39,868               |
| Sexual Violence Prevention Community-Based Valuation                                                            | 93.136                    | Task Order 2405, contract 4856 | NUF2CE002584                                                 | 20,015               |
| Kansas Title X Family Planning Needs Assessment: (TO 24047)                                                     | 93.217                    | 24047                          | 3622/3271                                                    | 77,900               |
| Community Health Access Section Kansas Statewide Farmworker Health Program Evaluation                           | 93.224                    | TO22008                        |                                                              | 5                    |
| Our Tomorrows (KDHE Health Equity) (TO 22066)                                                                   | 93.391                    | 22066                          |                                                              | 11,866               |
| COVID-19 Vaccination Education and Outreach                                                                     | 93.527                    | TO 24013, contract no. 48567   | H8GSCS48067-01-00                                            | 20,000               |
| Bridge Access Program                                                                                           | 93.527                    | Task Order 24043               | 264BAP23                                                     | 12,666               |
| Equipment Exchange: Increasing Access to Durable Medical Equipment                                              | 93.778                    | KDHE2014-011                   |                                                              | 5,211                |
| Assistive Technology for Kansans                                                                                | 93.778                    | 21034                          |                                                              | 21,114               |
| Medicaid Equipment Exchange                                                                                     | 93.778                    | 21035                          |                                                              | 83,160               |
| Assistive Technology for Kansans                                                                                | 93.778                    | 23064                          |                                                              | 80,109               |
| Medicaid Equipment Exchange                                                                                     | 93.778                    | TO23065                        |                                                              | 272,370              |
| Second Step Evaluation Project                                                                                  | 93.991                    | 48567 UKCR                     | NB01OT009228                                                 | 128                  |
| KDHE DAISEY Year 8-11                                                                                           | 93.994                    | TO 22074, Contact 48567        | Maternal And Child Health Services Block Grant To The States | 304,559              |
| Monitoring and Evaluating Implementation of the MCH State Action Plan                                           | 93.994                    | 48567: TO 22075                | B04MCH453217                                                 | 40,200               |
| MCH Block Grant Monitoring, Evaluation, and Workforce Development                                               | 93.994                    | 48567                          | B04MCH453217                                                 | 40,972               |
| KDHE Title V Needs Assessment TO #24067                                                                         | 93.994                    | 48567                          | B04MCH453217                                                 | 121,364              |
| <b><u>Passthrough- KANSAS STATE UNIVERSITY</u></b>                                                              |                           |                                |                                                              |                      |
| Small Molecule Protease Inhibitors against MERS-CoV                                                             | 93.855                    | S18147                         |                                                              | 5,850                |
| Discovery of Hsp100-selective inhibitors for targeting multiple microbial pathogens                             | 93.855                    | A00-1041-S001                  | R01AI141586                                                  | 34,179               |
| Discovery of Hsp100-selective inhibitors for targeting multiple microbial pathogens                             | 93.855                    | A00-1041-S002                  | R01AI141586                                                  | 27,164               |
| Small molecule inhibitors against 3C-like protease of SARS-CoV-2                                                | 93.855                    | A22-0151-S001                  | R01AI161085                                                  | 65,955               |
| <b><u>Passthrough- KICKAPOO TRIBE</u></b>                                                                       |                           |                                |                                                              |                      |
| Kickapoo Native Connections Evaluation                                                                          | 93.243                    | 24036                          | 1H79SM082694-01                                              | 54,435               |
| Grants to Tribes, Tribal Organizations and Migrant Programs for Community-Based Child Abuse Prevention Programs | 93.590                    | 1774-000                       | 90CA1874                                                     | 12,251               |
| Behavioral Health Integration Initiative                                                                        | 93.654                    | 26414                          | BH171HS0020                                                  | 122,107              |
| Kickapoo Practices for Wellness Evaluation and Performance Plan                                                 | 93.762                    | 21173                          | NU58DP006395                                                 | 380                  |
| Kickapoo TOR Return to Community Program                                                                        | 93.788                    | 27273                          | H79T1085715                                                  | 24,343               |
| <b><u>Passthrough- KINIMMUNE</u></b>                                                                            |                           |                                |                                                              |                      |
| Development of a tumor-retentive immunostimulant as adjunct therapy for solid tumor cancers                     | 93.395                    | SUB27340                       | R41CA272024                                                  | 89,278               |
| <b><u>Passthrough- LANGSTON UNIVERSITY (PUBLIC UNIVERSITY)</u></b>                                              |                           |                                |                                                              |                      |
| RRTC: Equity Center in Employment Domain                                                                        | 93.433                    | LU-520133-2                    | 90RTEM0009                                                   | 79,676               |
| <b><u>Passthrough- LEIDOS BIOMEDICAL RESEARCH INC.</u></b>                                                      |                           |                                |                                                              |                      |
| Development and Application of Antibody Optimization Technologies to Improve Public Health                      | 93.000                    | 18X007                         | HHSN261200800001E                                            | 17                   |
| <b><u>Passthrough- LOUISIANA STATE UNIVERSITY</u></b>                                                           |                           |                                |                                                              |                      |
| Small molecules for perturbing iron homeostasis in bacterial biofilms                                           | 93.855                    | PO0000191609                   | R01AI169344                                                  | 65,023               |
| <b><u>Passthrough- MASSACHUSETTS GENERAL HOSPITAL</u></b>                                                       |                           |                                |                                                              |                      |
| Multimodal Dynamics of Parent-Child Interactions and Suicide Risk                                               | 93.242                    | 241821                         | 1R21MH130767-01                                              | 27,019               |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                                                        | Assistance Listing Number | Identifying Number       | Pass-through Entity Identifying Number                            | Federal Expenditures |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------|-------------------------------------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                                                  |                           |                          |                                                                   |                      |
| <b>Department of Health and Human Services (Continued)</b>                                                                                                                                           |                           |                          |                                                                   |                      |
| <u>Passthrough- MCLEAN HOSPITAL</u>                                                                                                                                                                  |                           |                          |                                                                   |                      |
| SCH: INT: Collaborative Research: Context-Adaptive Multimodal Informatics for Psychiatric Discharge Planning                                                                                         | 93.242                    | 401780                   | 1R01MH125740-01                                                   | 14,830               |
| <u>Passthrough- MINNESOTA DEPARTMENT OF EDUCATION</u>                                                                                                                                                |                           |                          |                                                                   |                      |
| Minnesota Interagency Community Voice & SenseMaking Project                                                                                                                                          | 93.434                    | 224436                   | 90TP0115-01-00                                                    | 135,172              |
| <u>Passthrough- NEW MEXICO CHILDREN, YOUTH &amp; FAMILIES</u>                                                                                                                                        |                           |                          |                                                                   |                      |
| New Mexico ROM FY2021                                                                                                                                                                                | 93.556                    | 21-5000-21071            | G-1801NMFPS                                                       | 76,585               |
| <u>Passthrough- OK DEPARTMENT OF MENTAL HEALTH &amp; SUBSTANCE ABUSE</u>                                                                                                                             |                           |                          |                                                                   |                      |
| Oklahoma Infant Toddler Court Program (OKITCP)                                                                                                                                                       | 93.110                    | None                     |                                                                   | 183,676              |
| <u>Passthrough- OREGON DEPARTMENT OF HUMAN SERVICES</u>                                                                                                                                              |                           |                          |                                                                   |                      |
| Oregon ROM Reports System                                                                                                                                                                            | 93.658                    | 133972                   | Foster Care Title IV-E                                            | 77,536               |
| <u>Passthrough- PINNACLE TECHNOLOGY INC</u>                                                                                                                                                          |                           |                          |                                                                   |                      |
| Functionalized Multi-Modal Tetrode Arrays for Real-Time, Site-Specific Neurochemical Monitoring                                                                                                      | 93.242                    | 2023-177                 | 1R43MH134669-01                                                   | 62,281               |
| <u>Passthrough- PRAIRIE BAND</u>                                                                                                                                                                     |                           |                          |                                                                   |                      |
| SAMHSA Garrett Lee Smith Grant Implementation Support Contract: Prairie Band Potawatomi Nation Youth Wellness Services                                                                               | 93.243                    | PBWC2021-0001            | 1H79SM082132-01                                                   | 87,352               |
| Prairie Band Potawatomie Nation Native Connections Evaluation (Y3)                                                                                                                                   | 93.243                    | 2023-187                 | 6H79SM082666-03M001                                               | 29,996               |
| Prairie Band Potawatomie Nation Native Connections Evaluation (Y3)                                                                                                                                   | 93.243                    | 2023-187                 | 6H79SM082666-03M001                                               | 18,507               |
| <u>Passthrough- ROSWELL PARK COMPREHENSIVE CANCER CENTER</u>                                                                                                                                         |                           |                          |                                                                   |                      |
| Development and analysis of novel experimental platforms for Alzheimer's disease in Down syndrome                                                                                                    | 93.865                    | 534-01                   | 3R01HD109750-02S!                                                 | 42,336               |
| <u>Passthrough- SAINT FRANCIS COMMUNITY SERVICES</u>                                                                                                                                                 |                           |                          |                                                                   |                      |
| KS, NE and TX fathers, couples, and co-parents whose children are involved in the child welfare system will gain the skills and knowledge to be better parents through Saint Francis Fatherhood FIRE | 93.086                    | 24372                    | 90ZJ0047-01-00                                                    | 136,607              |
| <u>Passthrough- SEATTLE CHILDREN'S HOSPITAL</u>                                                                                                                                                      |                           |                          |                                                                   |                      |
| Seattle Structural Genomics Center for Infectious Disease Renewal                                                                                                                                    | 93.000                    |                          | Centers for Research on Structural Biology of Infectious Diseases | 148,743              |
| Seattle Structural Genomics Center for Infectious Disease Renewal                                                                                                                                    | 93.000                    | 12917SUB                 | 75N93022C00036                                                    | 28,593               |
| Structural Genomics Center for Infectious Disease Renewal                                                                                                                                            | 93.000                    | 13169SUB                 | 75N93022C00036                                                    | 24,880               |
| Seattle Structural Genomics Center for Infectious Disease Renewal                                                                                                                                    | 93.000                    |                          |                                                                   | 446,904              |
| Seattle Structural Genomics Center for Infectious Disease Renewal                                                                                                                                    | 93.000                    | 13189SUB                 |                                                                   | 38,374               |
| Seattle Structural Genomics Center for Infectious Disease Renewal                                                                                                                                    | 93.000                    | 13190SUB                 |                                                                   | 93,890               |
| <u>Passthrough- THE CITY UNIVERSITY OF NEW YORK</u>                                                                                                                                                  |                           |                          |                                                                   |                      |
| Special Interest Project #4 Disability and Health Date Collaborative: Using Data to Promote the Health and Wellness                                                                                  | 93.135                    | CM00009022               | 6U48DP006396-04-01                                                | 63,355               |
| <u>Passthrough- UNIV OF CALIFORNIA - BERKELEY</u>                                                                                                                                                    |                           |                          |                                                                   |                      |
| STEM Escape: Immersing urban and rural families in biomedical mysteries                                                                                                                              | 93.351                    | 00010137                 | 1R25GM132971-01                                                   | 28,250               |
| <u>Passthrough- UNIV OF NORTH CAROLINA AT CHAPEL HILL</u>                                                                                                                                            |                           |                          |                                                                   |                      |
| Nanopore Methods for Determining Capsid Viability                                                                                                                                                    | 93.103                    | 5122517                  |                                                                   | 142,116              |
| Validation of an Outcome Measure of Early Social-Communication for Young Children with ASD                                                                                                           | 93.242                    | 5128246                  |                                                                   | 410,451              |
| <u>Passthrough- UNIVERSITY OF CALIFORNIA - LOS ANGELES</u>                                                                                                                                           |                           |                          |                                                                   |                      |
| Autism Intervention Research Network on Behavioral Health (AIR-B)                                                                                                                                    | 93.877                    | 2000 G YC232             | UT339436                                                          | 187,628              |
| Autism Intervention Research Network on Physical Health (AIR-P)                                                                                                                                      | 93.877                    | 1557GZB332               | UT2MC39440                                                        | 23,087               |
| <u>Passthrough- UNIVERSITY OF DENVER COLORADO SEMINARY</u>                                                                                                                                           |                           |                          |                                                                   |                      |
| Prenatal Pathways for Poverty's Influence on the Brains of Two Generations                                                                                                                           | 93.865                    | SC37547-04-00 / PO168130 | R01HD090068                                                       | 8,269                |
| <u>Passthrough- UNIVERSITY OF FLORIDA</u>                                                                                                                                                            |                           |                          |                                                                   |                      |
| Integrative Functional Profiling of Tumor-Derived Extracellular Vesicles                                                                                                                             | 93.394                    | SUB00002779              | R33CA252158                                                       | 41,030               |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                       | Assistance Listing Number | Identifying Number          | Pass-through Entity Identifying Number | Federal Expenditures |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                                 |                           |                             |                                        |                      |
| <b>Department of Health and Human Services (Continued)</b>                                                                                                          |                           |                             |                                        |                      |
| <u>Passthrough- UNIVERSITY OF GEORGIA</u>                                                                                                                           |                           |                             |                                        |                      |
| USING NEUROECONOMICS TO UNDERSTAND ALCOHOL OVERVALUATION IN ALCOHOL USE DISORDER                                                                                    | 93.273                    | SUB00002433                 | R01AA025911                            | 25,828               |
| The activation of benzoxaborole prodrug AN15368, a clinical candidate for Chagas disease                                                                            | 93.855                    | SUB00003135                 | 1R21AI171727-01A1                      | 37,165               |
| The Role of Fathering in the Language Development of Young, Low-Income African American and Latino Children                                                         | 93.865                    | SUB00003084                 | R01HD100557                            | 434,990              |
| <u>Passthrough- UNIVERSITY OF ILLINOIS</u>                                                                                                                          |                           |                             |                                        |                      |
| All Our Kids Network University of Illinois IRIS Proposal (Year 5)                                                                                                  | 93.994                    | 109989-19096                |                                        | 2,543                |
| <u>Passthrough- UNIVERSITY OF ILLINOIS - URBANA-CHAMPAIGN</u>                                                                                                       |                           |                             |                                        |                      |
| Rehabilitation Engineering Research Center (RERC) on Technologies to Support Aging-in-Place for People with Long-Term Disabilities                                  | 93.433                    | 095457-17810                | 90REGE0006-01-00                       | 25,417               |
| Technologies to Support Aging Among People with Long-Term Disabilities (TechSage)                                                                                   | 93.433                    | 114913-19759                | 90REGE0021                             | 15,534               |
| <u>Passthrough- UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE</u>                                                                                          |                           |                             |                                        |                      |
| 3D force sensing shoe insoles for wearable, remote, high-fidelity gait monitoring                                                                                   | 93.012                    | GR17635                     |                                        | 24,208               |
| Kansas University Affiliated Program                                                                                                                                | 93.110                    | AWD-0002295                 | T73MC06623                             | 18,507               |
| Role of SPECC1L cytoskeletal protein in palate elevation dynamics                                                                                                   | 93.121                    | AWD10000356                 | R01DE032825                            | 28,411               |
| Translating research into school-based practice via small-group, language-focused comprehension intervention                                                        | 93.173                    | GR15603                     | R01DC018823                            | 26,143               |
| te Research Assistant Services on KanAWARE                                                                                                                          | 93.243                    | GR516288                    | H79SM086348                            | 69,565               |
| Exploring Daily Influences on Decision Making                                                                                                                       | 93.275                    | GR517131                    | 5TL1TR002368-07                        | 69,693               |
| Localized mHealth approach to boosting COVID-19 testing and vaccine literacy, access, and uptake among women with criminal legal system involvement in three cities | 93.310                    | GR16641                     | 1U01MD017415-01                        | 44,478               |
| SPeCTRE 2.0: The Sunflower Pediatric Clinical Trials Research Extension                                                                                             | 93.310                    | AWD-0001939                 | 5UG10D024943-05                        | 3,083                |
| FY 2022 - Frontiers: University of Kansas Clinical and Translational Science Institute                                                                              | 93.350                    | ZPBT0044                    | 5TL1TR002368-05                        | 10                   |
| Frontiers: University of Kansas Clinical and Translational Science Institute                                                                                        | 93.350                    | GR16366                     | 5KL2TR002367-05                        | (90)                 |
| Frontiers: University of Kansas Clinical and Translational Science Institute (Postdoctoral Trainee Aaron Smith)                                                     | 93.350                    | ZPBT0044                    | 5TL1TR002368-05                        | (17,082)             |
| Examining the effects of gambling volatility on drinking behavior                                                                                                   | 93.350                    | GR16981                     | TL1TR002368                            | 28,200               |
| Investigating the Challenging Eating Behaviors of Children with Autism at Mealtime                                                                                  | 93.350                    | GR16998                     | 2KL2TR002367-06                        | 93,791               |
| Frontiers: University of Kansas Clinical and Translational Science Institute                                                                                        | 93.350                    | GR512080                    | KL2TR002367                            | 136,368              |
| Frontiers: University of Kansas Clinical and Translational Science Institute                                                                                        | 93.350                    | GR505614                    | UL1TR002366                            | 34,324               |
| Investigating approved therapeutics for their ability to inhibit the SARS-CoV-2 ADPribosylhydrolase: 2022-2023                                                      | 93.350                    | GR17661                     | 2UL1TR002366-06                        | 43,233               |
| Institutional Career Development Core                                                                                                                               | 93.350                    | GR511137                    | 5KL2TR002367-07                        | 31,010               |
| University of Kansas Clinical and Translational Science Institute                                                                                                   | 93.350                    | IAM00000115/GR510907        | 5UL1TR002366-07                        | 10,837               |
| The safety and efficacy of megestrol as part of an outpatient feeding protocol for children with chronic medical conditions                                         | 93.361                    | 0001673                     | R01HD093933                            | 19,507               |
| iAmHealthy Parents First                                                                                                                                            | 93.361                    | GR16990                     | 1R01NR019810-01A1                      | 7,420                |
| Health Equity and Rural Education (HERE!) Clinical Trial                                                                                                            | 93.361                    | GR525662                    | 1R56NR021161-01                        | 3,924                |
| Sexual Health Empowerment for Jail-Involved Women's Health Literacy and Prevention                                                                                  | 93.393                    | ZAR00080                    | R01CA181047                            | 13,213               |
| TEAMSPORT to Community TEAMSPORT: Validating and Adapting a Precision Oncology Reflex Testing Team Intervention to Reduce Rural Disparities in Cancer Care Delivery | 93.393                    | GR504883                    | R01CA274560                            | 56,938               |
| Ultrafast FLASH radiation therapy dosimetry                                                                                                                         | 93.395                    | AWD10000265                 | 1R21CA274193-01A1                      | 32,726               |
| Ultrafast FLASH radiation therapy dosimetry                                                                                                                         | 93.395                    | AWD10000265_Subaward        | 1R21CA274193-01A1                      | 39,015               |
| NCI Cancer Center Support Grant - LDO Core (Hageman)                                                                                                                | 93.397                    | GR503588 (Hageman)          | 2P30CA168524-11                        | 28,456               |
| Personalized T Cell Therapy for Mantle Cell Lymphoma                                                                                                                | 93.397                    | GR503062                    | 2P30CA168524-11                        | 25,330               |
| Colon Cancer Chemoprevention Through Inhibition of Exportin 1 (XPO1)                                                                                                | 93.397                    | AWD-0002643-Dixon_Extension | 2P30CA168524-11                        | 7,989                |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                       | Assistance Listing Number | Identifying Number      | Pass-through Entity Identifying Number | Federal Expenditures |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                 |                           |                         |                                        |                      |
| <b>Department of Health and Human Services (Continued)</b>                                                                          |                           |                         |                                        |                      |
| Cancer Center Support Grant - Drug Discovery, Delivery and Experimental Therapeutics Component (D3ET)                               | 93.397                    | GR503973                | 2P30CA168524                           | 28,662               |
| Cancer Center Support Grant - Cancer Biology Program                                                                                | 93.397                    | GR16886                 | 2P30CA168524-11                        | 13,460               |
| NCI Cancer Center Support Grant - LDO Core (Roy)                                                                                    | 93.397                    | GR503588 (Roy)          | 2P30CA168524-11                        | 25,015               |
| P30 CATCH UP Above Accrual Goal Administrative Supplement Request                                                                   | 93.397                    | GR16876                 | P30CA168524                            | 35,521               |
| The Online and Applied System for Intervention Skills (OASIS) - Scaling-up!                                                         | 93.433                    | Z1H00040                | 90DPKT0003                             | 62,813               |
| Project Eagle: Early Head Start                                                                                                     | 93.600                    | AWD10000015             | 07CH011678-03-00                       | 12,067               |
| FY 2024 Early Head Start                                                                                                            | 93.600                    | AWD10000310             | 07CH011678-04-00                       | 84,174               |
| Drug abuse and HIV-associated pulmonary vascular injury                                                                             | 93.838                    | AWD-0002100             | 5R01HL152832-03                        | 10,310               |
| RNA-binding protein HuR in liver pathophysiology and carcinogenesis                                                                 | 93.847                    | ZAZ00040                | R01DK119131                            | 68,162               |
| Weight management for adults with mobility related disabilities                                                                     | 93.847                    | ZAD000F0                |                                        | 12,334               |
| Functional training for overweight/obese adults with mobility-related disabilities                                                  | 93.847                    | GR17489                 | 5P20GM144269-02                        | 19,468               |
| The National Diabetes Prevention Program in Rural Communities                                                                       | 93.847                    | IAM00000114             | 1R01DK132362-01A1                      | 31,268               |
| K-INBRE Undergraduate Research Office (URO)                                                                                         | 93.859                    | GR16950                 | 5P20GM103418-22                        | 3,638                |
| K-INBRE Summer Scholars yr 9                                                                                                        | 93.859                    | GR16961                 | PGM103418F                             | 825                  |
| K-INBRE DRPP: Cortical-striatal correlates of restricted and repetitive behaviors in autism spectrum disorder                       | 93.859                    | GR16902                 |                                        | (30)                 |
| K-INBRE Undergraduate Research Office (URO)                                                                                         | 93.859                    |                         |                                        | 34,053               |
| K-INBRE Post Doctoral Award: Jessamyn Perlmutter                                                                                    | 93.859                    | GR509089                | 5P20GM103418-23                        | 37,209               |
| K-INBRE DRPP:Genetics and developmental functions of natural telomere length variation                                              | 93.859                    | GR509069                | 5P20GM103418-23                        | 111,851              |
| K-INBRE DRPP:Genetics and developmental functions of natural telomere length variation                                              | 93.859                    | GR509069                | 5P20GM103418-23                        | 8,258                |
| The Kansas Institute for Precision Medicine: Biomedical Engineering Core                                                            | 93.859                    | AWD-0001805_Soper_BME   | 5P20GM130423                           | 61,610               |
| K-INBRE Bioinformatics Core Facility                                                                                                | 93.859                    | GR509057                | P20GM103418                            | 153,477              |
| K-INBRE Campus Coordinator 2023-2024                                                                                                | 93.859                    | GR509158                | P20GM103418                            | 5,349                |
| KINBRE Star Trainees yr 10                                                                                                          | 93.859                    |                         | 5P20GM103418-23                        | 12,709               |
| K-INBRE Summer Scholars yr 10                                                                                                       | 93.859                    | GR509399                | 5P20GM103418-23                        | 69,840               |
| The Kansas Institute for Precision Medicine                                                                                         | 93.859                    | AWD-0001805 Soper Admin | 5P20GM130423-05                        | 105,574              |
| The Kansas Institute for Precision Medicine                                                                                         | 93.859                    | AWD-0001805_Lunte_Year5 | 5P20GM130423-05                        | 3,771                |
| K-INBRE DRPP Mentorship Award                                                                                                       | 93.859                    | GR509109                | 5P20GM103418-23                        | 1,906                |
| Teachers and Students for Community-Oriented Research and Education: Linking Industry Partners, Faculty, and Teachers (TSCORE LIFT) | 93.859                    | AWD-0002371             | 5R25GM137272-03                        | 26,655               |
| COBRE CEO Core: Implementation Science and Equity                                                                                   | 93.859                    | GR527575                | 1P20GM139733-01A1                      | 6,043                |
| COBRE ETHICS Core: Implementation Science and Equity                                                                                | 93.859                    | GR527571                | 1P20GM139733-01A1                      | 5,571                |
| Modeling Longitudinal Reading Comprehension in Adolescence:Protective and Risk Factors                                              | 93.865                    | AWD10000268             | 1R01HD108300-01A1                      | 18,588               |
| Prescribing Smart Aging: Integrating Health Systems with Community-Based Lifestyle Interventions                                    | 93.866                    | GR12141                 |                                        | 260                  |
| Swerdlow Haplo Group J                                                                                                              | 93.866                    | GR114019                | 1R01AG061194-01                        | 15,836               |
| KU ADRC Biomarker Core                                                                                                              | 93.866                    | AWD-0002190             | 1P30AG072973                           | 187,109              |
| University of Kansas Alzheimer's Disease Research Center (KU ADRC)                                                                  | 93.866                    | AWD-0002190             | 5P30AG072973-02                        | 58,414               |
| Guided Episodic Future Thinking to Increase Physical Activity Adherence and Promote Healthy Brain Aging Among Mid-Life Adults       | 93.866                    | AWD10000092             | 1R61AG078087-01                        | 37,256               |
| The Impact of Weight Loss on Alzheimers Disease Risk in Adults with Down Syndrome                                                   | 93.866                    | AWD10000097             | 1R61AG078967-02                        | 17,230               |
| Guided Episodic Future Thinking to Increase Physical Activity Adherence and Promote Healthy Brain Aging Among Mid-Life Adults       | 93.866                    | AWD10000357             | 4R33AG078087-02                        | 31,021               |
| All of Us Research Program Heartland Consortium (AoURP-HC)                                                                          | 93.000                    | GR520339                | 1OT2OD036430-01                        | 33,765               |
| <b><u>Passthrough- UNIVERSITY OF MARYLAND - BALTIMORE</u></b>                                                                       |                           |                         |                                        |                      |
| PTPRD phosphatase inhibitors for stimulant use disorders                                                                            | 93.279                    | 20591-2158              | DA056039-01                            | 26,648               |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                | Assistance Listing Number | Identifying Number       | Pass-through Entity Identifying Number | Federal Expenditures |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------|----------------------------------------|----------------------|
| <b>Research and Development Cluster (Continued)</b>                                                                                                          |                           |                          |                                        |                      |
| <b>Department of Health and Human Services (Continued)</b>                                                                                                   |                           |                          |                                        |                      |
| <u>Passthrough- UNIVERSITY OF MINNESOTA</u>                                                                                                                  |                           |                          |                                        |                      |
| A high-throughput screen for inhibitors of Plk1-interacting checkpoint helicase (PICH)                                                                       | 93.395                    | N009209201               | 1R21CA259718-01A1                      | 46,386               |
| Research Training Center on HCBS Outcome Measurement (RTC/OM)                                                                                                | 93.433                    | A008179301               | 90RT5039-05-00                         | 3,124                |
| Control of Chromosome Segregation by DNA Topoisomerase II                                                                                                    | 93.859                    | N006994001               | 1R01GM130858-01                        | 14,355               |
| Control of Chromosome Segregation by DNA Topoisomerase II                                                                                                    | 93.859                    | P010971501               |                                        | 5,557                |
| <u>Passthrough- UNIVERSITY OF MISSOURI - COLUMBIA</u>                                                                                                        |                           |                          |                                        |                      |
| The Midwest Biomedical Accelerator Consortium (MBArc) - Screening Diagnostic for COVID-19 using Microfluidic Enrichment and Counting of SARS-CoV-2 Particles | 93.286                    | C00072277-1              | 3U01HL152410-02S1                      | 9,133                |
| Midwest Biomedical Accelerator Consortium: MBArc - RADx COVID-19 Project                                                                                     | 93.286                    | C00072277-2              | U01HL152410                            | 8,165                |
| Improve cancer immunotherapy by targeting RNA-binding protein HuR                                                                                            | 93.310                    | C00066571-6              | U01HL152410                            | 39,918               |
| ImmunAdvisor: High-Throughput T Cell Receptor Discovery for Affordable Commercial Personalized Cancer Therapies                                              | 93.310                    | C00066571-5              | U01HL152410                            | 56,899               |
| Midwest Biomedical Accelerator consortium: MBArc                                                                                                             | 93.310                    | C00066571-8              | U01HL152410                            | 1,412                |
| Midwest Biomedical Accelerator Consortium: MBArc                                                                                                             | 93.310                    | C00066571-10             | U01HL152410                            | 109,052              |
| 3D force sensing insoles for wearable, AI empowered, high-fidelity gait monitoring (MBArc)                                                                   | 93.310                    | C00066571-15             | U01HL152410                            | 52,788               |
| <u>Passthrough- UNIVERSITY OF SOUTH CAROLINA</u>                                                                                                             |                           |                          |                                        |                      |
| Understanding Community Obesity Initiatives and Informing Tailored Community Interventions to Reduce Childhood Obesity                                       | 93.847                    | 22-4653<br>PO#2000061555 | 1R01DK129307-01                        | 123,984              |
| <u>Passthrough- UNIVERSITY OF TEXAS-AUSTIN</u>                                                                                                               |                           |                          |                                        |                      |
| Evaluating THRIVE – A Promising Sexual Health Intervention for Youth in Foster Care and Child Welfare Professionals                                          | 93.297                    | UTAUS-SUB00001132        | 1TP2AH000095                           | 22,689               |
| <u>Passthrough- UNIVERSITY OF UTAH</u>                                                                                                                       |                           |                          |                                        |                      |
| Novel therapeutic strategy for renal fibrosis by targeting RNA-binding protein HuR targeting                                                                 | 93.847                    | 10052956-01              | 1R01DK123727-01                        | 51,929               |
| <u>Passthrough- UNIVERSITY OF VERMONT</u>                                                                                                                    |                           |                          |                                        |                      |
| University of Vermont Center on Tobacco Regulatory Science                                                                                                   | 93.077                    | 32359SUB52491            | U54DA036114                            | 22,404               |
| <u>Passthrough- UNIVERSITY OF VIRGINIA</u>                                                                                                                   |                           |                          |                                        |                      |
| Targeted Small Molecule Inhibitors for Inv(16) Leukemia                                                                                                      | 93.395                    | GB10639_PO_2091174       | R01CA234478                            | 50,229               |
| <u>Passthrough- UNIVERSITY OF WASHINGTON</u>                                                                                                                 |                           |                          |                                        |                      |
| Functional Genomics for Chlamydia                                                                                                                            | 93.855                    | UWSC14157                | 2R01AI126785-06A1                      | 354,115              |
| Optimizing Evidence-Based Practice Implementation for Clinical Impact: the IMPACT Center Project 3                                                           | 93.865                    | UWSC14665                | P50MH126219                            | 28,620               |
| <u>Passthrough- UNIVERSITY OF WISCONSIN-MADISON</u>                                                                                                          |                           |                          |                                        |                      |
| RE-PACT: respiratory exacerbation plans for action and care transitions for children with severe cp                                                          | 93.838                    | 0000001324               | 1R34HL153570=01A1                      | 17,623               |
| Subtotal: Department of Health and Human Services- Passthrough                                                                                               |                           |                          |                                        | 16,915,088           |
| <b>Total: Department of Health and Human Services</b>                                                                                                        |                           |                          |                                        | <b>48,820,323</b>    |
| <b>Total Research and Development Cluster</b>                                                                                                                |                           |                          |                                        | <b>126,323,672</b>   |
| <b>TRIO Cluster</b>                                                                                                                                          |                           |                          |                                        |                      |
| <b>Department of Education</b>                                                                                                                               |                           |                          |                                        |                      |
| <u>Direct</u>                                                                                                                                                |                           |                          |                                        |                      |
| KU Student Support Services Science, Technology, Math, Engineering and Health Sciences (SSS STEM)                                                            | 84.042                    | P042A201664              |                                        | 246,586              |
| University of Kansas Student Support Services (KU SSS)                                                                                                       | 84.042                    | P042A211632              |                                        | 349,055              |
| Subtotal for AL No. 84.042                                                                                                                                   |                           |                          |                                        | 595,641              |
| University of Kansas Talent Search                                                                                                                           | 84.044                    | P044A210069              |                                        | 480,452              |
| The University of Kansas Veterans Upward Bound Program                                                                                                       | 84.047                    | P047V180027              |                                        | 73,928               |
| University of Kansas Upward Bound (KU-UB)                                                                                                                    | 84.047                    | P047A230738              |                                        | 268,618              |
| University of Kansas Upward Bound Math and Science Program, Leavenworth and Turner (KU UBMS-LT)                                                              | 84.047                    | P047M220068              |                                        | 249,591              |
| University of Kansas Upward Bound Math-Science Center (KU-MS)                                                                                                | 84.047                    | P047M220154              |                                        | 296,727              |
| University of Kansas Upward Bound Program                                                                                                                    | 84.047                    | P047A180353              |                                        | 159,144              |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                        | Assistance Listing Number | Identifying Number        | Pass-through Entity Identifying Number                           | Federal Expenditures |
|------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|------------------------------------------------------------------|----------------------|
| <b>TRIO Cluster (Continued)</b>                                                                      |                           |                           |                                                                  |                      |
| <b>Department of Education (Continued)</b>                                                           |                           |                           |                                                                  |                      |
| University of Kansas Veterans Upward Bound (KU-VUB): 2023 - 2028                                     | 84.047                    | P047V230055               |                                                                  | 221,693              |
| Subtotal for AL No. 84.047                                                                           |                           |                           |                                                                  | 1,269,701            |
| University of Kansas EOC Leavenworth-Franklin County (KU-EOC-LV-FR)                                  | 84.066                    | P066A210117               |                                                                  | 283,615              |
| University of Kansas Educational Opportunity Center (KU-EOC)                                         | 84.066                    | P066A210033               |                                                                  | 307,705              |
| Subtotal for AL No. 84.066                                                                           |                           |                           |                                                                  | 591,320              |
| KU TRIO Training Program for Absolute Priority 2 (KU TTP-2)                                          | 84.103                    | P103A220007               |                                                                  | 299,655              |
| University of Kansas Ronald E. McNair Post-Baccalaureate Achievement Program (KU-MSP)                | 84.217                    | P217A220144               |                                                                  | 323,118              |
| Subtotal: Department of Department of Education- Direct                                              |                           |                           |                                                                  | 3,559,887            |
| <b>Total: Department of Education</b>                                                                |                           |                           |                                                                  | <b>3,559,887</b>     |
| <b>Total TRIO Cluster</b>                                                                            |                           |                           |                                                                  | <b>3,559,887</b>     |
| <b>Maternal Cluster</b>                                                                              |                           |                           |                                                                  |                      |
| <b>Department of Health and Human Services</b>                                                       |                           |                           |                                                                  |                      |
| <u>Passthrough- KANSAS DEPARTMENT OF HEALTH &amp; ENVIRONMT</u>                                      |                           |                           |                                                                  |                      |
| Maternal, Infant and Early Childhood Home Visiting DAISEY Date Management                            | 93.870                    | KDHE TO 22082             |                                                                  | 321,703              |
| Kansas MIECHV Readiness Assessment                                                                   | 93.870                    | KDHE TO 22068             | X10MC43582 MIECHV                                                | 37,534               |
| MIECHV Learning Management System 2022-2026 (TO 23024)                                               | 93.870                    | 48567, TO 23024           | MIECHV Grants                                                    | 66,083               |
| Kansas MIECHV Community Readiness Assessment (TO 23030)                                              | 93.870                    | TO 23030, contract 48567  | X1046866 MIECHV                                                  | 1,046                |
| Kansas MIECHV Coordinated State Evaluation (TO 23031)                                                | 93.870                    | 23031 PO104393            | X1046866 MIECHV                                                  | 176,993              |
| Kansas MIECHV Program                                                                                | 93.870                    | 23050                     |                                                                  | 168,453              |
| <u>Passthrough- STATE OF NEBRASKA DEPARTMENT OF HEALTH &amp; HUMAN SERVICES</u>                      |                           |                           |                                                                  |                      |
| Home Visiting Data Collection and Management - Nebraska                                              | 93.870                    | 88265-O4                  |                                                                  | 203,825              |
| <u>Passthrough- UNIVERSITY OF ILLINOIS</u>                                                           |                           |                           |                                                                  |                      |
| All Our Kids Network University of Illinois IRIS Proposal (Year 6)                                   | 93.870                    | 113928-19655              |                                                                  | 48,558               |
| <u>Passthrough- WISCONSIN DEPARTMENT OF CHILDREN &amp; FAMILIES</u>                                  |                           |                           |                                                                  |                      |
| Wisconsin Family Foundations Home Visiting Shared Measurements System                                | 93.870                    | 437003-C20-0001518-R03-01 | Maternal, Infant and Early Childhood Home Visiting Grant Program | 170,057              |
| FY24: Wisconsin Family Foundations Home Visiting Shared Measurements System                          | 93.870                    | 437003-C20-0001518-R04-01 | MIECHV Funds                                                     | 97,610               |
| Subtotal: Department of Health and Human Services- Passthrough                                       |                           |                           |                                                                  | 1,291,862            |
| <b>Total: Department of Health and Human Services</b>                                                |                           |                           |                                                                  | <b>1,291,862</b>     |
| <b>Total Maternal Cluster</b>                                                                        |                           |                           |                                                                  | <b>1,291,862</b>     |
| <b>Other Programs</b>                                                                                |                           |                           |                                                                  |                      |
| <b>Department of Agriculture</b>                                                                     |                           |                           |                                                                  |                      |
| <u>Passthrough- UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE</u>                           |                           |                           |                                                                  |                      |
| Kansas-Missouri Nutrition Incentive Collaborative                                                    | 10.331                    | GR16154                   | Food Insecurity Nutrition Incentive Program                      | 6,452                |
| Subtotal: Department of Agriculture- Passthrough                                                     |                           |                           |                                                                  | 6,452                |
| <b>Total: Department of Agriculture</b>                                                              |                           |                           |                                                                  | <b>6,452</b>         |
| <b>Department of Defense</b>                                                                         |                           |                           |                                                                  |                      |
| <u>Direct</u>                                                                                        |                           |                           |                                                                  |                      |
| Army Educational Outreach Program (UNITE)                                                            | 12.630                    | none                      |                                                                  | 27,619               |
| Army Educational Outreach Program (UNITE)                                                            | 12.630                    |                           |                                                                  | 587                  |
| Subtotal for AL No. 12.630                                                                           |                           |                           |                                                                  | 28,206               |
| KU STARTALK Arabic Academy                                                                           | 12.900                    | H98230-22-1-0069          |                                                                  | 107,081              |
| 2021 GenCyber - University of Kansas                                                                 | 12.901                    | H98230-21-1-0085          |                                                                  | 4                    |
| GenCyber Summer Camp at the University of Kansas -- Inspiring the Next Generation of Cyber Defenders | 12.903                    | H98230-22-1-0211          |                                                                  | 132,612              |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                    | Assistance Listing Number | Identifying Number    | Pass-through Entity Identifying Number                | Federal Expenditures |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------|-------------------------------------------------------|----------------------|
| <b>Other Programs (Continued)</b>                                                                                                                                |                           |                       |                                                       |                      |
| <b>Department of Defense (Continued)</b>                                                                                                                         |                           |                       |                                                       |                      |
| GenCyber Summer Camp at the University of Kansas - Inspiring the Next Generation of Cyber Stars                                                                  | 12.903                    | H98230-23-1-0158      |                                                       | 11,174               |
| Subtotal for AL No. 12.903                                                                                                                                       |                           |                       |                                                       | 143,786              |
| Subtotal: Department of Defense- Direct                                                                                                                          |                           |                       |                                                       | 279,077              |
| <b>Passthrough- GRIFFISS INSTITUTE</b>                                                                                                                           |                           |                       |                                                       |                      |
| Fortifying the Cyber and Electromagnetic Frontlines:<br>Establishing a Virtual VICEROY Institute in Midwest                                                      | 12.000                    | A100120230470716      | PIA no. FA8750-19-3-1000 and CPO no. FA8750-19-3-1001 | 484,258              |
| <b>Passthrough- INSTITUTE OF INTERNATIONAL EDUCATION</b>                                                                                                         |                           |                       |                                                       |                      |
| Master Agreement - KU Project GO Center: Attaining Intercultural Understanding through Critical Language Learning for 21st Century Officers                      | 12.357                    | PGO1801-KU-10         | H98210-18-2-002                                       | 488,495              |
| Cost Reimbursement Umbrella Agreement for Prime Award Number H98210-18-2-0002                                                                                    | 12.357                    | PGO1801-KU-10         | H98210-18-2-0002                                      | 1,771                |
| Cost Reimbursement Umbrella Agreement for Prime Award Number H98210-23-C-0010                                                                                    | 12.357                    | PGO2301-KU-10         | H98210-23-C-0010                                      | 561,576              |
| 2024-2025: Project Global Officer-Language Training Center Program                                                                                               | 12.357                    | PGO2301-KU-10-LTC-PO3 | H98210-23-C-0010                                      | 3,661                |
| <b>Passthrough- KANSAS STATE UNIVERSITY</b>                                                                                                                      |                           |                       |                                                       |                      |
| Learning, Exploration, and Application for Prospective Engineering Students (LEAPES)                                                                             | 12.006                    | A22-0220-S001         | HQ00342110017                                         | 301,132              |
| Subtotal: Department of Defense- Passthrough                                                                                                                     |                           |                       |                                                       | 1,840,893            |
| <b>Total: Department of Defense</b>                                                                                                                              |                           |                       |                                                       | <b>2,119,970</b>     |
| <b>Department of Justice</b>                                                                                                                                     |                           |                       |                                                       |                      |
| <b>Direct</b>                                                                                                                                                    |                           |                       |                                                       |                      |
| U.S.P. LEAVENWORTH LEGAL ASSISTANCE PROGRAM                                                                                                                      | 16.000                    | 15B40819D000000033    |                                                       | 27,695               |
| Subtotal: Department of Justice- Direct                                                                                                                          |                           |                       |                                                       | 27,695               |
| <b>Total: Department of Justice</b>                                                                                                                              |                           |                       |                                                       | <b>27,695</b>        |
| <b>Department of State</b>                                                                                                                                       |                           |                       |                                                       |                      |
| <b>Direct</b>                                                                                                                                                    |                           |                       |                                                       |                      |
| FY 2016 Study of the U.S. Institute for Student Leaders on Women's Leadership                                                                                    | 19.009                    | S-ECAGD-16-CA-1075    |                                                       | (890)                |
| Study of the U.S. Institutes for Young Women Leaders: Elevating Womens Global Leadership                                                                         | 19.009                    | SECAGD22CA0022        |                                                       | 1,188,977            |
| Subtotal for AL No. 19.009                                                                                                                                       |                           |                       |                                                       | 1,188,087            |
| Subtotal: Department of State- Direct                                                                                                                            |                           |                       |                                                       | 1,188,087            |
| <b>Passthrough- INSTITUTE OF INTERNATIONAL EDUCATION</b>                                                                                                         |                           |                       |                                                       |                      |
| 2023 Eight-Week Hubert H. Humphrey Fellowship Pre-Academic Training Program                                                                                      | 19.010                    | 3000294287            | S-ECAGD-23-CA-0009                                    | 262,286              |
| 2024 Eight-Week Hubert H. Humphrey Fellowship Pre-Academic Training Program                                                                                      | 19.010                    | 3000333929            | S-ECAGD-24-CA-0003                                    | 113,370              |
| Hosting Agreement: Six-week English language certificate program for high school English teachers ("Participants") from Brazil                                   | 19.408                    | FBC2001000            | Fulbright                                             | 551                  |
| Subtotal: Department of State- Passthrough                                                                                                                       |                           |                       |                                                       | 376,207              |
| <b>Total: Department of State</b>                                                                                                                                |                           |                       |                                                       | <b>1,564,294</b>     |
| <b>Department of Transportation</b>                                                                                                                              |                           |                       |                                                       |                      |
| <b>Passthrough- KANSAS DEPARTMENT OF TRANSPORTATION</b>                                                                                                          |                           |                       |                                                       |                      |
| 2023 Local Technical Assistance Program (LTAP)                                                                                                                   | 20.215                    | RE-1255-23            |                                                       | 354,396              |
| 2024 Local Technical Assistance Program LTAP                                                                                                                     | 20.215                    | RE-1255-24            |                                                       | 249,660              |
| KDOT Transportation Safety Conference 2023 - 2027                                                                                                                | 20.600                    | SA-0943               | 69A37522300004020KS O                                 | 72,197               |
| Impaired Driving Deterrence Project (IDDP): University of Kansas                                                                                                 | 20.600                    | AL-9085-23            | 69A3752030000405DKS L                                 | 6,500                |
| Data Access and Support Center (DASC) GIS Mapping Integration                                                                                                    | 20.616                    | TR-2114-22            | 69A3752030000405CKS O                                 | 72,915               |
| Data Access and Support Center (DASC) GIS Mapping Integration - FY2024                                                                                           | 20.616                    | TR-2114-24            | 69A3752230000405CKS O                                 | 125,935              |
| <b>Passthrough- KANSAS DIVISION OF EMERGENCY MANAGEMENT</b>                                                                                                      |                           |                       |                                                       |                      |
| Hazardous Materials Training to fire and emergency services personnel in the State of Kansas delivered through Kansas Fire & Rescue Training Institute 2022-2023 | 20.703                    | NONE                  | 693JK32240057HMEP                                     | 13,368               |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                     | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number                 | Federal Expenditures |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|--------------------------------------------------------|----------------------|
| <b>Other Programs (Continued)</b>                                                                                                                 |                           |                    |                                                        |                      |
| <b>Department of Transportation (Continued)</b>                                                                                                   |                           |                    |                                                        |                      |
| <u>Passthrough- KANSAS STATE UNIVERSITY SPA</u>                                                                                                   |                           |                    |                                                        |                      |
| Traffic Assistance Services for Kansas (TASK) Program (FY 2022-2023)                                                                              | 20.215                    | A21-0571-S001      |                                                        | 373                  |
| Traffic Assistance Services for Kansas (TASK) Program FY24-26                                                                                     | 20.215                    | A24-0455-S001      | Highway Training and Education DOT                     | 23,660               |
| Subtotal: Department of Transportation- Passthrough                                                                                               |                           |                    |                                                        | 919,004              |
| <b>Total: Department of Transportation</b>                                                                                                        |                           |                    |                                                        | <b>919,004</b>       |
| <b>Department of the Treasury</b>                                                                                                                 |                           |                    |                                                        |                      |
| <u>Direct</u>                                                                                                                                     |                           |                    |                                                        |                      |
| VITA Grant Project                                                                                                                                | 21.009                    | 22VITA0218         |                                                        | 105                  |
| VITA Grant Project                                                                                                                                | 21.009                    | 23VITA0274         |                                                        | (8,622)              |
| VITA Grant Project                                                                                                                                | 21.009                    | 24VITA0077         |                                                        | 38,237               |
| Subtotal for AL No. 21.009                                                                                                                        |                           |                    |                                                        | 29,720               |
| Subtotal: Department of the Treasury- Direct                                                                                                      |                           |                    |                                                        | 29,720               |
| <u>Passthrough- ENTERPRISEKC</u>                                                                                                                  |                           |                    |                                                        |                      |
| EnterpriseKC Cybersecurity Center of Excellence Cybersecurity Assessments (Project 1) and Cybersecurity Talent Exchange (Project 2)               | 21.027                    | SRA27014           |                                                        | 783,352              |
| <u>Passthrough- KANSAS CHILDREN'S CABINET AND TRUST FUND</u>                                                                                      |                           |                    |                                                        |                      |
| CPF Multi-Purpose Facility                                                                                                                        | 21.029                    |                    | 3761 3504 Z01059                                       | 295,921              |
| SPARK-Accelerator                                                                                                                                 | 21.027                    | none               |                                                        | 178,179              |
| <u>Passthrough- KANSAS DEPARTMENT FOR AGING AND DISABILITY SERVICE</u>                                                                            |                           |                    |                                                        |                      |
| Employment First                                                                                                                                  | 21.027                    | 54172              | ARPA                                                   | 433,791              |
| <u>Passthrough- OFFICE OF THE GOVERNOR OF KANSAS</u>                                                                                              |                           |                    |                                                        |                      |
| Kansas Fiscal Transparency Project (KFTP): Tracking the Impact of Government Funding in Kansas.                                                   | 21.027                    | None               | American Rescue Plan Act – State Fiscal Recovery Funds | 97,137               |
| Subtotal: Department of the Treasury- Passthrough                                                                                                 |                           |                    |                                                        | 1,788,380            |
| <b>Total: Department of the Treasury</b>                                                                                                          |                           |                    |                                                        | <b>1,818,100</b>     |
| <b>Federal Communications Commission</b>                                                                                                          |                           |                    |                                                        |                      |
| <u>Direct</u>                                                                                                                                     |                           |                    |                                                        |                      |
| Kansas Deaf Blind Equipment Distribution--Assistive Technology for Kansans                                                                        | 32.000                    | DA 16-729          |                                                        | (3,573)              |
| Kansas Deaf Blind Equipment Distribution--Assistive Technology for Kansans                                                                        | 32.000                    | DA 22-549          |                                                        | 33,015               |
| Kansas Deaf Blind Equipment Distribution--Assistive Technology for Kansans                                                                        | 32.000                    | DA23-352           |                                                        | 148,106              |
| Subtotal for AL No. 32.000                                                                                                                        |                           |                    |                                                        | 177,548              |
| Subtotal: Federal Communications Commission- Direct                                                                                               |                           |                    |                                                        | 177,548              |
| <b>Total: Federal Communications Commission</b>                                                                                                   |                           |                    |                                                        | <b>177,548</b>       |
| <b>Institute of Museum and Library Services</b>                                                                                                   |                           |                    |                                                        |                      |
| <u>Direct</u>                                                                                                                                     |                           |                    |                                                        |                      |
| To support research and planning for the exhibition Bold Women: Changing the World and Art                                                        | 45.024                    | 1865585-44-21      |                                                        | 4,785                |
| To support a workshop production of Never Quite by composer Susan Kander and librettist Roberta Gumbel                                            | 45.024                    | 1894383-36-22      |                                                        | 129                  |
| To support research and preliminary work for the 2025 exhibition STREET NIHONGA: The Art of jimmy Tsutomu Mirikitani and accompanying publication | 45.024                    | 1906367-44-23      |                                                        | 19,963               |
| KU Powwow & Indigenous Cultures Festival (ICF)                                                                                                    | 45.024                    | 1910811-54-23      |                                                        | 50,603               |
| Subtotal for AL No. 45.024                                                                                                                        |                           |                    |                                                        | 75,480               |
| To support infrastructure improvements to the Spencer Museum of Art's collection storage, freight elevator, and galleries.                        | 45.130                    | CHA-261952-19      |                                                        | 38,542               |
| Improving energy efficiency in collection storage in Spencer Research Library, University of Kansas                                               | 45.149                    | PF-271970-20       |                                                        | 13,115               |
| Revisioning the Spencer Museum of Art's Collection Galleries                                                                                      | 45.164                    | GI27833821         |                                                        | 105,554              |
| Building Literacy and Curating (Critical Cultural) Knowledge in Black Humanities: BLACK DH                                                        | 45.169                    | HAA28103021        |                                                        | 115,397              |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                 | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number  | Federal Expenditures |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|-----------------------------------------|----------------------|
| <b>Other Programs (Continued)</b>                                                                                             |                           |                    |                                         |                      |
| <b>Institute of Museum and Library Services (Continued)</b>                                                                   |                           |                    |                                         |                      |
| Strengthening Digital Platforms for Teacher, Learning, and Exploration                                                        | 45.301                    | MA-249559-OMS-21   |                                         | 52,245               |
| Database and Application Development for Access, Education, and Research                                                      | 45.301                    | MA251667OMS22      |                                         | 72,382               |
| Subtotal for AL No. 45.301                                                                                                    |                           |                    |                                         | 124,627              |
| Subtotal: Institute of Museum and Library Services- Direct                                                                    |                           |                    |                                         | 472,715              |
| <b><u>Passthrough- CITY OF LAWRENCE</u></b>                                                                                   |                           |                    |                                         |                      |
| KU Indigenous Cultures Festival Artists                                                                                       | 45.024                    | none               | ARPA Funds                              | (1,213)              |
| University Press of Kansas NEA ARP Subgrant                                                                                   | 45.024                    | none               | ARPA Subaward                           | 8,494                |
| <b><u>Passthrough- HUMANITIES KANSAS</u></b>                                                                                  |                           |                    |                                         |                      |
| Emmett Till and Mamie Till-Mobley: Let the World See                                                                          | 45.129                    | 224602SP           | SSUJB3GSH8A5                            | 15,000               |
| <b><u>Passthrough- KANSAS DEPARTMENT OF COMMERCE &amp; HOUSING</u></b>                                                        |                           |                    |                                         |                      |
| NORTH & the Underground Railroad                                                                                              | 45.025                    | NFY22-004          | 1903767-61-22                           | 3,990                |
| Here-ing                                                                                                                      | 45.025                    | none               |                                         | 6,317                |
| <b><u>Passthrough- MID-AMERICA ARTS ALLIANCE</u></b>                                                                          |                           |                    |                                         |                      |
| Modern Warriors Live - Engagements and Performance at the University of Kansas                                                | 45.024                    | FY2023-00113586    |                                         | 1,420                |
| <b><u>Passthrough- NATIONAL ENDOWMENT FOR HUMANITIES</u></b>                                                                  |                           |                    |                                         |                      |
| The Public Digital Humanities: An Institute for Academic/Community Collaborations                                             | 45.169                    | HT-281161-21       |                                         | 611                  |
| <b><u>Passthrough- WEST VIRGINIA UNIVERSITY</u></b>                                                                           |                           |                    |                                         |                      |
| The American Congress Digital Archives Portal Project                                                                         | 45.129                    | 23-003-UKCRI       | PW-290502-23                            | 15,554               |
| Subtotal: Institute of Museum and Library Services- Passthrough                                                               |                           |                    |                                         | 50,173               |
| <b>Total: Institute of Museum and Library Services</b>                                                                        |                           |                    |                                         | <b>522,888</b>       |
| <b>Director of National Intelligence</b>                                                                                      |                           |                    |                                         |                      |
| <b><u>Direct</u></b>                                                                                                          |                           |                    |                                         |                      |
| Kansas Coalition Intelligence Community Centers for Academic Excellence (KC-IC CAE)                                           | 54.000                    | 2022-22082500003   |                                         | 309,100              |
| Collaborative Cybersecurity Research Initiative: Fostering Innovation and Empowering Students in the IC CAE Kansas Consortium | 54.000                    | 2022-22082500003   |                                         | 29,380               |
| Subtotal for AL No. 54.000                                                                                                    |                           |                    |                                         | 338,480              |
| Subtotal: Director of National Intelligence- Direct                                                                           |                           |                    |                                         | 338,480              |
| <b>Total: Director of National Intelligence</b>                                                                               |                           |                    |                                         | <b>338,480</b>       |
| <b>Small Business Administration</b>                                                                                          |                           |                    |                                         |                      |
| <b><u>Passthrough- FORT HAYS STATE UNIVERSITY</u></b>                                                                         |                           |                    |                                         |                      |
| University of Kansas Small Business Development Center                                                                        | 59.037                    | SBA 12-16          |                                         | 1,830                |
| University of Kansas Small Business Development Center: 2023                                                                  | 59.037                    |                    | Small Business Development Center Grant | 61,790               |
| University of Kansas Small Business Development Center - 2024                                                                 | 59.037                    |                    | Small Business Development Center Grant | 56,159               |
| Subtotal: Small Business Administration- Passthrough                                                                          |                           |                    |                                         | 119,779              |
| <b>Total: Small Business Administration</b>                                                                                   |                           |                    |                                         | <b>119,779</b>       |
| <b>Environmental Protection Agency</b>                                                                                        |                           |                    |                                         |                      |
| <b><u>Passthrough- KANSAS DEPARTMENT OF HEALTH &amp; ENVIRONMT</u></b>                                                        |                           |                    |                                         |                      |
| Expansion of UIC submittals to KOLAR website                                                                                  | 66.608                    | 23029              |                                         | 41,751               |
| Subtotal: Environmental Protection Agency- Passthrough                                                                        |                           |                    |                                         | 41,751               |
| <b>Total: Environmental Protection Agency</b>                                                                                 |                           |                    |                                         | <b>41,751</b>        |
| <b><u>Direct</u></b>                                                                                                          |                           |                    |                                         |                      |
| Solar Decathlon 2023 Build Challenge                                                                                          | 81.041                    | None               |                                         | 7,946                |
| Subtotal: Department of Energy- Direct                                                                                        |                           |                    |                                         | 7,946                |
| <b>Total: Department of Energy</b>                                                                                            |                           |                    |                                         | <b>7,946</b>         |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                             | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|----------------------|
| <b>Other Programs (Continued)</b>                                                                                                                                         |                           |                    |                                        |                      |
| <b>Department of Education</b>                                                                                                                                            |                           |                    |                                        |                      |
| <u>Direct</u>                                                                                                                                                             |                           |                    |                                        |                      |
| Cultivating Global Citizenship in the Heartland: The Kansas African Studies Center                                                                                        | 84.015                    | P015B180104-19     |                                        | 50,183               |
| Support: Connecting Communities: Increasing Competencies in Less Commonly Taught Languages and Expanding Access to Latin American and Caribbean Studies                   | 84.015                    | P015B180021        |                                        | 9,255                |
| NRC: Building Global Competencies in the 21st Century: University of Kansas Center for East Asian Studies                                                                 | 84.015                    | P015A180095        |                                        | 71,946               |
| Connecting Communities: Increasing Competencies in Less Commonly Taught Languages and Expanding Access to Latin American and Caribbean Studies                            | 84.015                    | P015A180021        |                                        | 41,310               |
| Cultivating Global Citizenship in the Heartland: The Kansas African Studies Center                                                                                        | 84.015                    | P015A180104        |                                        | 35,126               |
| FLAS: Building Global Competencies in the 21st Century: University of Kansas Center for East Asian Studies                                                                | 84.015                    | P015B1800950 - 20  |                                        | 31,826               |
| Fostering Global Competency and Engagement in the Heartland: The University of Kansas Center for Russian, East European and Eurasian Studies                              | 84.015                    | P015A200004        |                                        | 17,681               |
| FLAS: Global Asia                                                                                                                                                         | 84.015                    | P015B220120        |                                        | 270,178              |
| NRC: Global Asia                                                                                                                                                          | 84.015                    | P015A220124        |                                        | 184,074              |
| FLAS: Supporting Sustainable Connections: The Kansas African Studies Center                                                                                               | 84.015                    | P015B220148        |                                        | 226,840              |
| NRC: Supporting Sustainable Connections: The Kansas African Studies Center                                                                                                | 84.015                    | P015A220149        |                                        | 185,694              |
| FLAS: Rethinking Russian, East European, and Eurasian Studies in the Heartland for a Global and Digital Age                                                               | 84.015                    | P015B220119        |                                        | 222,787              |
| NRC: Rethinking Russian, East European, and Eurasian Studies in the Heartland for a Global and Digital Age                                                                | 84.015                    | P015A220123        |                                        | 210,394              |
| NRC: Center for Latin American and Caribbean Studies: Strengthening Communities                                                                                           | 84.015                    | P015A220136        |                                        | 206,509              |
| (FLAS) Center for Latin American and Caribbean Studies: Strengthening Communities                                                                                         | 84.015                    | P015B220130        |                                        | 290,069              |
| Subtotal for AL No. 84.015                                                                                                                                                |                           |                    |                                        | 2,053,872            |
| Fulbright Hays Doctoral Dissertation Research Abroad                                                                                                                      | 84.022                    | P022A220040        |                                        | 27,757               |
| Fulbright-Hays Doctoral Dissertation Research Abroad Fellowship Program                                                                                                   | 84.022                    | P022A230047        |                                        | 44,024               |
| Subtotal for AL No. 84.022                                                                                                                                                |                           |                    |                                        | 71,781               |
| Heartland College Assistance Migrant Program (HCAMP)                                                                                                                      | 84.149                    | S149A220010        |                                        | 484,942              |
| University of Kansas Open Language Resource Center                                                                                                                        | 84.229                    | P229A1808008       |                                        | 9,180                |
| Post-Doctoral Research Training Program in Special Education: Evidence-Base                                                                                               | 84.324                    | R324B180004        |                                        | 37,557               |
| Enhancing Engagement: Investigating Adaptations to Commonly Used Interventions for Elementary Students with Challenging Behavior                                          | 84.324                    | R324B210007        |                                        | 190,564              |
| Postdoctoral Research Training in Special Education and Early Intervention                                                                                                | 84.324                    | R324B200021        |                                        | 95,830               |
| Subtotal for AL No. 84.324                                                                                                                                                |                           |                    |                                        | 323,951              |
| KU LEAP: Preparing Leaders to Create Ambitious Educational Programs for Students with Severe Disabilities: Beyond De Minimis                                              | 84.325                    | H325D180015 - 19   |                                        | 255,284              |
| Preparing Leaders to Advocate for Inclusion in Early Childhood Education (KU-PLAI-ECE)                                                                                    | 84.325                    | H325D180080        |                                        | 175,993              |
| Project INSTRUCT (Inclusive Interdisciplinary Supports and Training for positive, Rigorous EdUcation and Communication Outcomes)                                          | 84.325                    | H325K200046        |                                        | 365,332              |
| Project for Interprofessional Preparation-Early Childhood Intervention (PIP-ECI)                                                                                          | 84.325                    | H32K200061         |                                        | 203,449              |
| KU Para to Teacher Project: Pathway to Low Incidence Teacher Endorsement                                                                                                  | 84.325                    | H325K230013        |                                        | 24,843               |
| Project MounTaiN: Meeting The Need to Prepare Early Interventionists and Special Educators in Data-Based Instruction for Young Children with High Intensity Support Needs | 84.325                    | H325K230087        |                                        | 31,112               |
| Subtotal for AL No. 84.325                                                                                                                                                |                           |                    |                                        | 1,056,013            |
| The University of Kansas KCKPS Gear Up Program                                                                                                                            | 84.334                    | P334A170025        |                                        | 2,655,810            |
| The University of Kansas CCAMPIS Program (KU-CCAMPIS)                                                                                                                     | 84.335                    | P335A220008        |                                        | 396,065              |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                                                                                                             | Assistance Listing Number | Identifying Number            | Pass-through Entity Identifying Number            | Federal Expenditures |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|---------------------------------------------------|----------------------|
| <b>Other Programs (Continued)</b>                                                                                                                                         |                           |                               |                                                   |                      |
| <b>Department of Education (Continued)</b>                                                                                                                                |                           |                               |                                                   |                      |
| PEAK: Partners in Education Across Kansas                                                                                                                                 | 84.351                    | S351A210022                   |                                                   | 252,955              |
| Supporting Technology, Educators, and Parents for Upward Progress (STEP-UP)                                                                                               | 84.365                    | T365Z170233                   |                                                   | 34,972               |
| Project SEMILLA (Supporting Educators, Math Instructors, and Language Learners for Advancement)                                                                           | 84.365                    | T365Z210171                   |                                                   | 497,076              |
| Promoting English Learners Academic Achievement and Cultivating Educational Equity through Professional Development                                                       | 84.365                    | T365Z220111 Act 1             |                                                   | 406,765              |
| Subtotal for AL No. 84.365                                                                                                                                                |                           |                               |                                                   | 938,813              |
| Subtotal: Department of Education- Direct                                                                                                                                 |                           |                               |                                                   | 8,243,382            |
| <b><u>Passthrough- AMERICAN INSTITUTES FOR RESEARCH</u></b>                                                                                                               |                           |                               |                                                   |                      |
| Evaluation of Transition Supports for Youth with Disabilities                                                                                                             | 84.000                    | 0489800005                    | 91990019C0078                                     | 257,829              |
| <b><u>Passthrough- ARIZONA STATE UNIVERSITY</u></b>                                                                                                                       |                           |                               |                                                   |                      |
| Preparing Productive Special Education Scholars to Lead in Evidence-based Practices in Comprehensive, Integrated, Three-tiered (Ci3T) Models of Prevention (Project EPIC) | 84.325                    | ASUB00001234                  | H325D220011                                       | 139,290              |
| <b><u>Passthrough- GREENBUSH SOUTHEAST KANSAS EDUCATION SERVICE</u></b>                                                                                                   |                           |                               |                                                   |                      |
| KSDE Summer Enrichment Program Sunflower Summer 2023                                                                                                                      | 84.425                    | 27704                         |                                                   | 110,383              |
| <b><u>Passthrough- HELEN KELLER SERVICES FOR THE BLIND INC</u></b>                                                                                                        |                           |                               |                                                   |                      |
| National Center for Deaf-Blindness (NCDB) Subaward FY24                                                                                                                   | 84.326                    | SRA28584                      | H326T230030                                       | 45,325               |
| <b><u>Passthrough- IDAHO STATE DEPARTMENT OF EDUCATION</u></b>                                                                                                            |                           |                               |                                                   |                      |
| Instructional Supports Project                                                                                                                                            | 84.027                    | 21-5038                       |                                                   | 7,739                |
| <b><u>Passthrough- KANSAS DEPARTMENT OF HEALTH &amp; ENVIRONMT</u></b>                                                                                                    |                           |                               |                                                   |                      |
| Kansas Inservice Training System (KITS)                                                                                                                                   | 84.181                    | TO21047                       | H181A200032                                       | -                    |
| Kansas Inservice Training System (KITS)-Infant and Toddler Expansion                                                                                                      | 84.181                    | 22080                         |                                                   | 312,092              |
| tiny-k Infant Toddler Assistive Technology Services                                                                                                                       | 84.181                    | 22079                         | H101A200032                                       | 28,228               |
| Infant Toddler Assistive Technology Services                                                                                                                              | 84.181                    | T.O. 23063, contract 48567    | H181A200032                                       | 18,976               |
| Assistive Technology Early Childhood Workshops                                                                                                                            | 84.181                    | TO 26061, contract # 48567    | H181A200032                                       | 75,000               |
| KITS Summer Institute                                                                                                                                                     | 84.181                    | TO 23068, contract 48567 UKCR | Special Education-Grants for Infants and Families | 65,344               |
| Kansas Inservice Training System (KITS)-Infant and Toddler Expansion Part C                                                                                               | 84.181                    | 24015                         | H181A200032                                       | 248,806              |
| <b><u>Passthrough- KANSAS STATE UNIVERSITY</u></b>                                                                                                                        |                           |                               |                                                   |                      |
| RESPETAME: Reimagining Educational Systems by Practicing Equity and Translanguaging and Accessing Multiliterate Experiences                                               | 84.365                    | A23-0230-S001                 | T365Z220089                                       | 26,058               |
| Evaluation of KSU Project RAICES                                                                                                                                          | 84.423                    | A24-0151-S002                 | S423A230060                                       | 2,105                |
| <b><u>Passthrough- MISSOURI DEPARTMENT - ELEMENTARY/SECONDARY ED</u></b>                                                                                                  |                           |                               |                                                   |                      |
| FY2023: Social-Emotional Learning for All                                                                                                                                 | 84.027                    | none                          | Special Education Grants to States                | 18,023               |
| Missouri Post-Secondary Success Project/ Social-Emotional Learning for All                                                                                                | 84.027                    | none                          | Special Education Grants to States                | 277,198              |
| Pathways for Instructionally Embedded Assessment (PIE) project                                                                                                            | 84.368                    |                               |                                                   | 557,625              |
| Pathways for Instructionally Embedded Assessment (PIE) project                                                                                                            | 84.368                    |                               |                                                   | 220,784              |
| <b><u>Passthrough- NEWMAN UNIVERSITY</u></b>                                                                                                                              |                           |                               |                                                   |                      |
| Navigating the University Experience                                                                                                                                      | 84.031                    | 27177                         | P031A220143                                       | 14,241               |
| <b><u>Passthrough- STANFORD UNIVERSITY</u></b>                                                                                                                            |                           |                               |                                                   |                      |
| Leadership in Research and Teacher Preparation for System-wide Inclusive Education                                                                                        | 84.325                    | 62307368-154936               | H325D190042                                       | 288,082              |
| <b><u>Passthrough- UNIVERSITY OF NORTH CAROLINA CHARLOTTE</u></b>                                                                                                         |                           |                               |                                                   |                      |
| National Technical Assistance Center on Transition for Students and Youth with Disabilities                                                                               | 84.326                    | 20210128-05-UKS               | H326E200003                                       | 247,306              |
| National Technical Assistance Center on Transition for Students and Youth with Disabilities                                                                               | 84.326                    | 20210128-06-UKS               | H326E200003-22                                    | 19,588               |
| National Technical Assistance Center on Transition for Students and Youth with Disabilities                                                                               | 84.326                    | 20210128-07-UKS               | H326E200003-22                                    | 11,406               |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

| Federal Grantor/Program Title                                                            | Assistance<br>Listing<br>Number | Identifying<br>Number | Pass-through<br>Entity<br>Identifying<br>Number | Federal<br>Expenditures |
|------------------------------------------------------------------------------------------|---------------------------------|-----------------------|-------------------------------------------------|-------------------------|
| <b>Other Programs (Continued)</b>                                                        |                                 |                       |                                                 |                         |
| <b>Department of Education (Continued)</b>                                               |                                 |                       |                                                 |                         |
| <u>Passthrough- UNIVERSITY OF OREGON</u>                                                 |                                 |                       |                                                 |                         |
| Technical Assistance Center on Positive Behavioral Intervention and Supports V           | 84.326                          | 282070J               | H326S180001                                     | 62,524                  |
| <u>Passthrough- UNIVERSITY OF TEXAS-AUSTIN</u>                                           |                                 |                       |                                                 |                         |
| Preparing Early Childhood Special Education Leaders for Diverse Settings (Project EARLY) | 84.325                          | UTAUS-SUB00001276     | H325D230073                                     | 76,767                  |
| <u>Passthrough- USD 497, LAWRENCE</u>                                                    |                                 |                       |                                                 |                         |
| USD 497 Portrait of a Graduate                                                           | 84.048                          | SRA28588              |                                                 | 7,389                   |
| Safe and Supportive Schools                                                              | 84.424                          | SRA28863              | S244F220017                                     | 11,113                  |
| <u>Passthrough- USD 500, KANSAS CITY</u>                                                 |                                 |                       |                                                 |                         |
| Status Update Review for the Special Education Department at Kansas City USD 500         | 84.425                          | 28651                 | S425U210002                                     | 47,523                  |
| <u>Passthrough- WICHITA STATE UNIVERSITY</u>                                             |                                 |                       |                                                 |                         |
| WSU WEST WICHITA GEAR UP                                                                 | 84.334                          | 22-00359              | P334A170139                                     | 40,652                  |
| WSU Southeast Wichita GEAR UP Project Evaluation                                         | 84.334                          | 23-00387 SEWGU        |                                                 | 12,845                  |
| WSU Southeast Wichita GEAR UP Project Evaluation                                         | 84.334                          | 23-00387              |                                                 | 26,898                  |
| Subtotal: Department of Education- Passthrough                                           |                                 |                       |                                                 | 3,277,139               |
| <b>Total: Department of Education</b>                                                    |                                 |                       |                                                 | <b>11,520,521</b>       |
| <b>Corporation for National and Community Service</b>                                    |                                 |                       |                                                 |                         |
| <u>Passthrough- ARIZONA STATE UNIVERSITY</u>                                             |                                 |                       |                                                 |                         |
| Enhancing the Public Health Response to Domestic Violence in the Context of COVID-19     | 94.006                          | ASUB00001163          | 22NDDAZ001                                      | 24,221                  |
| Subtotal: Corporation for National and Community Service- Passthrough                    |                                 |                       |                                                 | 24,221                  |
| <b>Total: Corporation for National and Community Service</b>                             |                                 |                       |                                                 | <b>24,221</b>           |
| <b>Department of Homeland Security</b>                                                   |                                 |                       |                                                 |                         |
| <u>Direct</u>                                                                            |                                 |                       |                                                 |                         |
| State Fire Training Systems Grant FY23                                                   | 97.043                          | EMW-2022-GR-00174-S01 |                                                 | 691                     |
| State Fire Training Systems Grant FY23                                                   | 97.043                          | EMW-2023-GR-05033     |                                                 | 20,290                  |
| Subtotal for AL No. 97.043                                                               |                                 |                       |                                                 | 20,981                  |
| AFG Assistance to Firefighters                                                           | 97.044                          | EMW-2022-FG-07966     |                                                 | 69,016                  |
| Subtotal: Department of Homeland Security- Direct                                        |                                 |                       |                                                 | 89,997                  |
| <u>Passthrough- KANSAS DEPARTMENT OF AGRICULTURE</u>                                     |                                 |                       |                                                 |                         |
| Kansas Base Flood Elevation Portal                                                       | 97.045                          | none                  | not specified                                   | 33,529                  |
| Subtotal: Department of Homeland Security- Passthrough                                   |                                 |                       |                                                 | 33,529                  |
| <b>Total: Department of Homeland Security</b>                                            |                                 |                       |                                                 | <b>123,526</b>          |
| <b>Total Other Programs</b>                                                              |                                 |                       |                                                 | <b>19,332,175</b>       |
| <b>TOTAL EXPENDITURES OF FEDERAL AWARDS</b>                                              |                                 |                       |                                                 | <b>150,507,596</b>      |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2023

Of the federal expenditures presented in this schedule, the Center provided federal awards to subrecipients as follows:

| Program                                                                                                         | Assistance<br>Listing Number | Amount<br>Provided   |
|-----------------------------------------------------------------------------------------------------------------|------------------------------|----------------------|
| Research & Development Cluster                                                                                  | Various                      | \$ 16,440,319        |
| Study of the U.S. Institutes for Young Women Leaders: Elevating Womens Global Leadership                        | 19.009                       | 605,416              |
| Employment First                                                                                                | 21.027                       | 225,772              |
| Building Literacy and Curating (Critical Cultural) Knowledge in Black Humanities: BLACK DH                      | 45.169                       | 20,709               |
| Collaborative Cybersecurity Research Initiative: Fostering Innovation and Empowering Students in the IC CAE Kar | 54.000                       | 20,000               |
| Kansas Coalition Intelligence Community Centers for Academic Excellence (KC-IC CAE)                             | 54.000                       | 56,943               |
| Infant Toddler Assistive Technology Services                                                                    | 84.181                       | 2,000                |
| Tiny-k Infant Toddler Assistive Technology Services                                                             | 84.181                       | 20,000               |
| The University of Kansas CCAMPIS Program (KU-CCAMPIS)                                                           | 84.335                       | 187,983              |
| Kansas State Plan for Assistive Technology                                                                      | 93.464                       | 77,395               |
| Kansas State Plan for Assistive Technology 2021-2023                                                            | 93.464                       | 79,419               |
| Kansas Invests in Families (KInvest)                                                                            | 93.556                       | 162,516              |
| Universal Prevention for Strong and Thriving Families (Family Strong)                                           | 93.648                       | 394,637              |
| Kansas Strong for Children and Families (Kansas Strong)                                                         | 93.652                       | 62,503               |
| Kansas Bravely Raising & Activating Voices for Equity                                                           | 93.670                       | 105,671              |
| Assistive Technology for Kansans                                                                                | 93.778                       | 18,360               |
| Medicaid Equipment Exchange                                                                                     | 93.778                       | 153,408              |
| Fortifying the Cyber and Electromagnetic Frontlines: Establishing a Virtual VICEROY Institute in Midwest        | 12.000                       | 364,815              |
| NRT-HDR: The Internet of Catalysis - Harnessing Data Science for Catalyst Design                                | 47.076                       | 38,980               |
| Cultivating Global Citizenship in the Heartland: The Kansas African Studies Center                              | 84.015                       | 6,912                |
| Heartland College Assistance Migrant Program (HCAMP)                                                            | 84.149                       | 189,252              |
| Project SEMILLA (Supporting Educators, Math Instructors, and Language Learners for Advancement)                 | 84.365                       | 39,905               |
| Supporting Technology, Educators, and Parents for Upward Progress (STEP-UP)                                     | 84.365                       | 727                  |
| Kansas Self-Determined Transition Taskforce: Moving Forward To Enhance Transition Outcomes                      | 93.632                       | 18,474               |
| Kansas University Center on Developmental Disabilities: 2022-2027                                               | 93.632                       | 51,351               |
| KU Post Baccalaureate Research Education Program (PREP)                                                         | 93.859                       | 16,574               |
|                                                                                                                 |                              | <u>\$ 19,360,041</u> |

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

---

**NOTE 1 - ORGANIZATION**

The University of Kansas Center for Research, Inc. (the Center) is the recipient of several federal grants. The accompanying schedule of expenditures of federal awards presents the activity of all federal awards programs of the Center for the year ended June 30, 2024. All federal awards received directly from federal agencies, as well as federal awards passed through other government agencies, are included on the schedule.

**NOTE 2 - BASIS OF PRESENTATION**

Expenditures reported on the Schedule are reported on the cash basis of accounting. Such expenditures are recognized following, as applicable, either the cost principles in OMB Circular A-122, Cost Principles for Non-Profit Organizations or the cost principles contained in Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts shown on the Schedule represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. The Center has elected not to use the 10-percent de minimis indirect cost rate as allowed under the Uniform Guidance.

**NOTE 3 - COST SHARE**

Local cost sharing, as defined by the Uniform Guidance is required by certain federal grants. The amount of cost sharing varies with each program. Only the federal share of expenditures is presented in the Schedule of Expenditures of Federal Awards.

**NOTE 4 - ADDITIONAL AUDITS**

Grantor agencies reserve the right to conduct additional audits of the Center's grant programs for economy and efficiency and program results which may result in disallowed costs to the Center. However, management does not believe such audits would result in any disallowed costs that would be material to the Center's financial position at June 30, 2024.

**NOTE 5 - SUBTOTALS BY FEDERAL AGENCY AND ASSISTANCE LISTING NUMBER**

| Department                     | AL<br>Number | Amount           |
|--------------------------------|--------------|------------------|
| U.S. Department of Agriculture | 10.000       | \$ 7,019         |
|                                | 10.001       | 115,324          |
|                                | 10.025       | 5,584            |
|                                | 10.250       | 30,206           |
|                                | 10.310       | 755,661          |
|                                | 10.331       | 6,452            |
|                                | 10.699       | 7,631            |
|                                | 10.902       | 90,205           |
|                                |              | <u>1,018,082</u> |

---

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

**NOTE 5 - SUBTOTALS BY FEDERAL AGENCY AND ASSISTANCE LISTING NUMBER (Continued)**

| <b>Department</b>            | <b>AL<br/>Number</b> | <b>Amount</b>     |
|------------------------------|----------------------|-------------------|
| U.S. Department of Commerce  | 11.035               | 25,722            |
|                              | 11.303               | 68,537            |
|                              | 11.417               | 51,689            |
|                              | 11.431               | 2,778             |
|                              | 11.432               | 76,224            |
|                              | 11.609               | 76,783            |
|                              |                      | <u>301,733</u>    |
| U.S. Department of Defense   | 12.000               | 6,820,630         |
|                              | 12.006               | 301,132           |
|                              | 12.300               | 202,938           |
|                              | 12.357               | 1,055,503         |
|                              | 12.420               | 1,435,740         |
|                              | 12.431               | 341,093           |
|                              | 12.630               | 183,224           |
|                              | 12.800               | 1,315,041         |
|                              | 12.900               | 107,081           |
|                              | 12.901               | 4                 |
|                              | 12.903               | 143,786           |
|                              | 12.905               | 11,930            |
|                              | 12.910               | 117,922           |
|                              |                      | <u>12,036,024</u> |
| U.S. Department of Education | 84.000               | 426,913           |
|                              | 84.015               | 2,053,872         |
|                              | 84.022               | 73,160            |
|                              | 84.027               | 302,960           |
|                              | 84.031               | 14,241            |
|                              | 84.042               | 595,641           |
|                              | 84.044               | 480,452           |
|                              | 84.047               | 1,269,701         |
|                              | 84.048               | 7,389             |
|                              | 84.066               | 591,320           |
|                              | 84.103               | 299,655           |
|                              | 84.116               | 5,049,881         |
|                              | 84.149               | 484,942           |
|                              | 84.181               | 748,446           |
|                              | 84.217               | 323,118           |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

**NOTE 5 - SUBTOTALS BY FEDERAL AGENCY AND ASSISTANCE LISTING NUMBER (Continued)**

| <b>Department</b>                            | <b>AL<br/>Number</b> | <b>Amount</b>     |
|----------------------------------------------|----------------------|-------------------|
| U.S. Department of Education (Continued)     | 84.229               | \$ 9,180          |
|                                              | 84.305               | 590,459           |
|                                              | 84.323               | 244,657           |
|                                              | 84.324               | 6,297,850         |
|                                              | 84.325               | 1,581,194         |
|                                              | 84.326               | 2,536,488         |
|                                              | 84.327               | 2,604,451         |
|                                              | 84.334               | 2,937,356         |
|                                              | 84.335               | 396,065           |
|                                              | 84.351               | 252,955           |
|                                              | 84.356               | 466,695           |
|                                              | 84.365               | 964,871           |
|                                              | 84.368               | 784,790           |
|                                              | 84.371               | 225,260           |
|                                              | 84.411               | 3,215,504         |
|                                              | 84.423               | 2,105             |
|                                              | 84.424               | 11,113            |
|                                              | 84.425               | 418,467           |
|                                              |                      | <u>36,261,151</u> |
| U.S. Department of Energy                    | 81.000               | 1,947,969         |
|                                              | 81.041               | 7,946             |
|                                              | 81.049               | 2,125,132         |
|                                              | 81.086               | 112,102           |
|                                              | 81.087               | 156,675           |
|                                              | 81.089               | 1,533,526         |
|                                              | 81.135               | 44,309            |
|                                              |                      | <u>5,927,659</u>  |
| U.S. Department of Health and Human Services | 93.000               | 815,166           |
|                                              | 93.012               | 24,208            |
|                                              | 93.048               | 42,320            |
|                                              | 93.063               | 39,151            |
|                                              | 93.077               | 22,404            |
|                                              | 93.086               | 136,607           |
|                                              | 93.088               | 43,626            |
|                                              | 93.103               | 142,116           |
|                                              | 93.110               | 1,229,862         |
|                                              | 93.113               | 102,655           |
|                                              | 93.121               | 571,895           |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

**NOTE 5 - SUBTOTALS BY FEDERAL AGENCY AND ASSISTANCE LISTING NUMBER (Continued)**

| <b>Department</b>                                        | <b>ALN<br/>Number</b> | <b>Amount</b> |
|----------------------------------------------------------|-----------------------|---------------|
| U.S. Department of Health and Human Services (Continued) | 93.129                | \$ 14,493     |
|                                                          | 93.135                | 63,355        |
|                                                          | 93.136                | 1,212,747     |
|                                                          | 93.172                | 1             |
|                                                          | 93.173                | 1,465,656     |
|                                                          | 93.217                | 77,900        |
|                                                          | 93.224                | 5             |
|                                                          | 93.226                | 40,354        |
|                                                          | 93.242                | 1,401,884     |
|                                                          | 93.243                | 479,507       |
|                                                          | 93.273                | 606,150       |
|                                                          | 93.275                | 69,693        |
|                                                          | 93.279                | 630,422       |
|                                                          | 93.283                | 4,739         |
|                                                          | 93.286                | 1,657,446     |
|                                                          | 93.297                | 22,689        |
|                                                          | 93.310                | 307,630       |
|                                                          | 93.350                | 360,601       |
|                                                          | 93.351                | 388,565       |
|                                                          | 93.361                | 30,851        |
|                                                          | 93.391                | 11,866        |
|                                                          | 93.393                | 70,151        |
|                                                          | 93.394                | 1,079,452     |
|                                                          | 93.395                | 454,552       |
|                                                          | 93.397                | 164,433       |
|                                                          | 93.433                | 603,044       |
|                                                          | 93.434                | 3,099,186     |
|                                                          | 93.464                | 486,323       |
|                                                          | 93.527                | 32,666        |
|                                                          | 93.556                | 529,617       |
|                                                          | 93.558                | 834,948       |
|                                                          | 93.575                | 1,495,279     |
|                                                          | 93.590                | 382,746       |
|                                                          | 93.600                | 110,926       |
|                                                          | 93.630                | 25,477        |
|                                                          | 93.631                | 679,319       |
|                                                          | 93.632                | 783,386       |
|                                                          | 93.648                | 844,193       |
|                                                          | 93.652                | 1,467,734     |
|                                                          | 93.654                | 122,107       |
|                                                          | 93.658                | 803,545       |
|                                                          | 93.670                | 346,522       |
|                                                          | 93.696                | 170,877       |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

**NOTE 5 - SUBTOTALS BY FEDERAL AGENCY AND ASSISTANCE LISTING NUMBER (Continued)**

| <b>Department</b>                                        | <b>AL<br/>Number</b> | <b>Amount</b>     |
|----------------------------------------------------------|----------------------|-------------------|
| U.S. Department of Health and Human Services (Continued) | 93.732               | \$ 506,259        |
|                                                          | 93.762               | 380               |
|                                                          | 93.778               | 461,964           |
|                                                          | 93.788               | 24,343            |
|                                                          | 93.829               | (1,953)           |
|                                                          | 93.837               | (207)             |
|                                                          | 93.838               | 86,700            |
|                                                          | 93.846               | 2,403             |
|                                                          | 93.847               | 760,431           |
|                                                          | 93.853               | 1,391,517         |
|                                                          | 93.855               | 1,212,806         |
|                                                          | 93.859               | 9,196,774         |
|                                                          | 93.865               | 2,470,996         |
|                                                          | 93.866               | 5,214,546         |
|                                                          | 93.867               | 101,268           |
|                                                          | 93.870               | 1,291,862         |
|                                                          | 93.877               | 210,715           |
|                                                          | 93.991               | 128               |
|                                                          | 93.994               | 578,206           |
|                                                          |                      | <u>50,112,185</u> |
| U.S. Department of Justice                               | 16.000               | 27,695            |
|                                                          | 16.710               | 6,778             |
|                                                          | 16.753               | 465,179           |
|                                                          |                      | <u>499,652</u>    |
| U.S. Department of Transportation                        | 20.000               | 96,140            |
|                                                          | 20.106               | 51,159            |
|                                                          | 20.109               | 561,276           |
|                                                          | 20.200               | 172,873           |
|                                                          | 20.205               | 122,132           |
|                                                          | 20.215               | 628,089           |
|                                                          | 20.509               | 12,653            |
|                                                          | 20.600               | 78,697            |
|                                                          | 20.616               | 198,850           |
|                                                          | 20.701               | 595,224           |
|                                                          | 20.703               | 13,368            |
|                                                          |                      | <u>2,530,461</u>  |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

**NOTE 5 - SUBTOTALS BY FEDERAL AGENCY AND ASSISTANCE LISTING NUMBER (Continued)**

| <b>Department</b>                             | <b>AL<br/>Number</b> | <b>Amount</b>    |
|-----------------------------------------------|----------------------|------------------|
| U.S. Department of the Interior               | 15.000               | \$ 22,284        |
|                                               | 15.073               | 292,108          |
|                                               | 15.224               | 274              |
|                                               | 15.514               | 17,776           |
|                                               | 15.557               | 48,972           |
|                                               | 15.611               | 169,813          |
|                                               | 15.805               | 78,341           |
|                                               | 15.810               | 701,674          |
|                                               | 15.814               | 198,465          |
|                                               | 15.815               | 6,702            |
|                                               | 15.904               | 514              |
|                                               | 15.980               | 2,946            |
|                                               |                      | <u>1,539,869</u> |
| U.S. Department of the Treasury               | 21.009               | 29,720           |
|                                               | 21.027               | 2,540,041        |
|                                               | 21.029               | 295,921          |
|                                               |                      | <u>2,865,682</u> |
| Institute of Museum and Library Services      | 45.024               | 107,666          |
|                                               | 45.025               | 10,307           |
|                                               | 45.129               | 30,554           |
|                                               | 45.130               | 984,667          |
|                                               | 45.149               | 96,782           |
|                                               | 45.164               | 105,554          |
|                                               | 45.169               | 116,008          |
|                                               | 45.301               | 124,627          |
|                                               |                      | <u>1,576,165</u> |
| National Aeronautics and Space Administration | 43.000               | 450,313          |
|                                               | 43.001               | 1,174,398        |
|                                               | 43.008               | 437,573          |
|                                               | 43.012               | 73,304           |
|                                               |                      | <u>2,135,588</u> |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Year ended June 30, 2024

**NOTE 5 - SUBTOTALS BY FEDERAL AGENCY AND ASSISTANCE LISTING NUMBER (Continued)**

| <b>Department</b>                               | <b>AL<br/>Number</b> | <b>Amount</b>                |
|-------------------------------------------------|----------------------|------------------------------|
| National Science Foundation                     | 47.000               | \$ 497,242                   |
|                                                 | 47.041               | 2,210,107                    |
|                                                 | 47.049               | 3,779,241                    |
|                                                 | 47.050               | 2,539,179                    |
|                                                 | 47.070               | 1,321,477                    |
|                                                 | 47.074               | 5,958,048                    |
|                                                 | 47.075               | 1,261,412                    |
|                                                 | 47.076               | 2,390,635                    |
|                                                 | 47.078               | 895,108                      |
|                                                 | 47.083               | 8,804,248                    |
|                                                 | 47.084               | 1,629,304                    |
|                                                 |                      | <u>31,286,001</u>            |
| Corporation for National and Community Service  | 94.006               | <u>24,221</u>                |
| Department of State                             | 19.009               | 1,212,610                    |
|                                                 | 19.010               | 375,656                      |
|                                                 | 19.408               | 551                          |
|                                                 |                      | <u>1,588,817</u>             |
| Environmental Protection Agency                 | 66.306               | 3,222                        |
|                                                 | 66.608               | 41,751                       |
|                                                 |                      | <u>44,973</u>                |
| Office of the Director of National Intelligence | 54.000               | <u>338,480</u>               |
| Small Business Administration                   | 59.037               | <u>119,779</u>               |
| U.S. Department of Homeland Security            | 97.043               | 20,981                       |
|                                                 | 97.044               | 69,016                       |
|                                                 | 97.045               | 33,529                       |
|                                                 |                      | <u>123,526</u>               |
| Federal Communications Commission               | 32.000               | <u>177,548</u>               |
| <b>TOTAL</b>                                    |                      | <b>\$ <u>150,507,596</u></b> |

INDEPENDENT AUDITOR'S 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*

To the Board of Trustees  
University of Kansas Center for Research, Inc.  
Lawrence, Kansas

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 the University of Kansas Center for Research, Inc. (the Center), a component unit of the University of Kansas, which comprise the statement of financial position as of June 30, 2024, and the related statements of activities, and cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated September 26, 2024.

**Report on Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the Center'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 the Center's internal control. Accordingly, we do not express an opinion on the effectiveness of the Center'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 Center's financial statements will not be prevented or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

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

---

(Continued)

## Report on Compliance and Other Matters

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

  
Crowe LLP

Indianapolis, Indiana  
September 26, 2024

INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR MAJOR FEDERAL  
PROGRAM AND REPORT ON INTERNAL CONTROL OVER COMPLIANCE

To the Board of Trustees  
University of Kansas Center for Research, Inc.  
Lawrence, Kansas

**Report on Compliance for Major Federal Program**

***Opinion on Major Federal Program***

We have audited University of Kansas Center for Research, Inc.'s (the Center), a component unit of the University of Kansas, 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 the Center's major federal program for the year ended June 30, 2024. The Center's major federal program is identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

In our opinion, the Center complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on its major federal program for the year ended June 30, 2024.

***Basis for Opinion on 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 (*Government Auditing Standards*); 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 Auditor's Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the Center 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 the major federal program. Our audit does not provide a legal determination of the Center's compliance with the compliance requirements referred to above.

***Responsibilities of Management for Compliance***

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

## ***Auditor's Responsibilities for the Audit of Compliance***

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the Center'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 the Center's compliance with the requirements of the 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 the Center's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the Center's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of the Center'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 Auditor's 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.

---

(Continued)

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.

  
Crowe LLP

Indianapolis, Indiana  
September 26, 2024

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.  
SCHEDULE OF FINDINGS AND QUESTIONED COSTS  
Year ended June 30, 2024

---

**SECTION 1 – SUMMARY OF AUDITOR’S RESULTS**

***Financial Statements***

Type of auditor’s report issued: Unmodified

Internal control over financial reporting:

Material weakness(es) identified? \_\_\_\_\_ Yes      X   No

Significant deficiencies identified not considered to be material weaknesses? \_\_\_\_\_ Yes      X   None Reported

Noncompliance material to financial statements noted? \_\_\_\_\_ Yes      X   No

***Federal Awards***

Internal Control over major programs:

Material weakness(es) identified? \_\_\_\_\_ Yes      X   No

Significant deficiencies identified not considered to be material weaknesses? \_\_\_\_\_ Yes      X   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 2CFR 200.516(a)? \_\_\_\_\_ Yes      X   No

Identification of major programs:

| <u>AL Number(s)</u> | <u>Name of Federal Program or Cluster</u> |
|---------------------|-------------------------------------------|
|---------------------|-------------------------------------------|

|         |                                  |
|---------|----------------------------------|
| Various | Research and Development Cluster |
|---------|----------------------------------|

Dollar threshold used to distinguish between Type A and Type B programs: \$3,000,000

Auditee qualified as low-risk auditee?   X   Yes    \_\_\_\_\_ No

**SECTION 2 – FINANCIAL STATEMENT FINDINGS**

None

**SECTION 3 – FEDERAL AWARD FINDINGS AND QUESTIONED COSTS**

None

---