**Independent Auditor's Report and Consolidated Financial Statements** 

June 30, 2023 and 2022

## University of Kansas Medical Center Research Institute, Inc. June 30, 2023 and 2022

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#### **Independent Auditor's Report**

**Board of Directors** University of Kansas Medical Center Research Institute, Inc. Kansas City, Kansas

#### Report on the Audit of the Consolidated Financial Statements

#### **Opinion**

We have audited the consolidated financial statements of University of Kansas Medical Center Research Institute, Inc., which comprise the consolidated statements of financial position as of June 30, 2023 and 2022, and the related consolidated statements of activities, functional expenses, and cash flows for the vears then ended, and the related notes to the consolidated financial statements.

In our opinion, the accompanying consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of University of Kansas Medical Center Research Institute, Inc., as of June 30, 2023 and 2022, 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 (Government Auditing Standards). Our responsibilities under those standards are further described in the "Auditor's Responsibilities for the Audit of the Consolidated Financial Statements" section of our report. We are required to be independent of University of Kansas Medical Center Research Institute, 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 Consolidated Financial Statements

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

In preparing the consolidated 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 Medical Center Research Institute, Inc.'s ability to continue as a going concern within one year after the date that the consolidated financial statements are available to be issued.



Board of Directors University of Kansas Medical Center Research Institute, Inc. Page 2

#### Auditor's Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated 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 consolidated 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 consolidated financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks.
   Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of University of Kansas Medical Center Research Institute, 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
  consolidated financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about University of Kansas Medical Center Research Institute, 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 consolidated financial statements as a whole. The consolidating financial statements and the schedule of expenditures of federal awards as required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, listed in the table of contents are presented for purposes of additional analysis and are not a required part of the consolidated financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements.

Board of Directors University of Kansas Medical Center Research Institute, Inc. Page 3

The information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures in accordance with GAAS. In our opinion, the information fairly stated, in all material respects, in relation to the consolidated financial statements as a whole.

#### Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated November 9, 2023, on our consideration of University of Kansas Medical Center Research Institute, 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 University of Kansas Medical Center Research Institute, Inc.'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 University of Kansas Medical Center Research Institute, Inc.'s internal control over financial reporting and compliance.

FORVIS, LLP

Kansas City, Missouri November 9, 2023

## Consolidated Statements of Financial Position June 30, 2023 and 2022

#### **Assets**

|                                   | 2023           | 2022           |
|-----------------------------------|----------------|----------------|
| Cash and cash equivalents         | \$ 5,982,383   | \$ 1,180,961   |
| Contract assets                   | 7,497,185      | 6,211,224      |
| Accounts receivable, net          | 15,956,454     | 11,311,131     |
| Grants receivable, net            | 19,694,579     | 21,856,053     |
| Contributions receivable, net     | 2,355,158      | 2,989,703      |
| Investments                       | 118,033,483    | 107,394,872    |
| Interest receivable               | 374,018        | 392,174        |
| Prepaid expenses and other assets | 1,342,655      | 404,836        |
| Property and equipment, net       | 1,466,532      | 1,084,728      |
| Total assets                      | \$ 172,702,447 | \$ 152,825,682 |
| Liabilities and Net Assets        |                |                |
| Liabilities                       |                |                |
| Accounts payable                  | \$ 9,426,265   | \$ 10,488,725  |
| Accrued expenses                  | 9,323,619      | 2,905,895      |
| Deferred revenue                  | 12,955,790     | 9,326,071      |
| Total liabilities                 | 31,705,674     | 22,720,691     |
| Net Assets                        |                |                |
| Without donor restrictions        | 135,974,415    | 125,398,418    |
| With donor restrictions           | 5,022,358      | 4,706,573      |
| Total net assets                  | 140,996,773    | 130,104,991    |
| Total liabilities and net assets  | \$ 172,702,447 | \$ 152,825,682 |

### Consolidated Statement of Activities Year Ended June 30, 2023

|  | Without Donor<br>Restrictions | With Donor<br>Restrictions | Total          |
|--|-------------------------------|----------------------------|----------------|
| Revenues, Gains and Other Support                |                               |                            |                |
| Direct research income                           | \$ 105,160,299                | \$ -                       | \$ 105,160,299 |
| Clinical trials                                  | 30,502,822                    | -                          | 30,502,822     |
| Clinical trial IRB and administrative fees       | 4,054,039                     | -                          | 4,054,039      |
| Facilities and administrative revenue            | 39,748,609                    |                            | 39,748,609     |
|  | 179,465,769                   | -                          | 179,465,769    |
| Contributions                                    | 4,923,896                     | 3,906,038                  | 8,829,934      |
| Research Properties, Inc. rental income          | 564,157                       | <del>-</del>               | 564,157        |
| Support for KU Center for Technology             | •                             |                            |                |
| Commercialization, Inc.                          | 246,940                       | -                          | 246,940        |
| Royalties and technology income                  | 2,949,182                     | <del>-</del>               | 2,949,182      |
| Net investment loss                              | (2,437,909)                   | -                          | (2,437,909)    |
| Other income                                     | 678,092                       | -                          | 678,092        |
| Net assets released from restrictions            | 3,590,253                     | (3,590,253)                |                |
| Total revenues, gains and other support          | 189,980,380                   | 315,785                    | 190,296,165    |
| Expenses   |                               |                            |                |
| Direct research                                  | 153,673,774                   | -                          | 153,673,774    |
| Facilities                                       | 217,036                       | -                          | 217,036        |
| University support                               | 7,510,000                     | -                          | 7,510,000      |
| Research Properties, Inc.                        | 546,554                       | -                          | 546,554        |
| KU Center for Technology Commercialization, Inc. |                               |                            |                |
| royalties and technology                         | 3,363,226                     | -                          | 3,363,226      |
| Kansas Life Sciences Development                 |                               |                            |                |
| Company, Inc.                                    | 2,064                         | -                          | 2,064          |
| Management and general                           | 14,091,729                    |                            | 14,091,729     |
| Total expenses                                   | 179,404,383                   |                            | 179,404,383    |
| Change in Net Assets                             | 10,575,997                    | 315,785                    | 10,891,782     |
| Net Assets, Beginning of Year                    | 125,398,418                   | 4,706,573                  | 130,104,991    |
| Net Assets, End of Year                          | \$ 135,974,415                | \$ 5,022,358               | \$ 140,996,773 |

### Consolidated Statement of Activities Year Ended June 30, 2022

|  | Without Donor<br>Restrictions | With Donor<br>Restrictions | Total          |
|--|-------------------------------|----------------------------|----------------|
| Revenues, Gains and Other Support                |                               |                            |                |
| Direct research income                           | \$ 91,190,491                 | \$ -                       | \$ 91,190,491  |
| Clinical trials                                  | 25,953,704                    | -                          | 25,953,704     |
| Clinical trial IRB and administrative fees       | 3,592,055                     | -                          | 3,592,055      |
| Facilities and administrative revenue            | 34,165,308                    |                            | 34,165,308     |
|  | 154,901,558                   | -                          | 154,901,558    |
| Contributions                                    | 5,043,312                     | 2,846,477                  | 7,889,789      |
| Research Properties, Inc. rental income          | 707,448                       | -                          | 707,448        |
| Support for KU Center for Technology             |                               |                            |                |
| Commercialization, Inc.                          | 1,430,152                     | _                          | 1,430,152      |
| Royalties and technology income                  | 2,549,936                     | _                          | 2,549,936      |
| Net investment loss                              | (10,557,335)                  | -                          | (10,557,335)   |
| Other income                                     | 511,244                       | -                          | 511,244        |
| Net assets released from restrictions            | 5,605,147                     | (5,605,147)                |                |
| Total revenues, gains and other support          | 160,191,462                   | (2,758,670)                | 157,432,792    |
| Expenses   |                               |                            |                |
| Direct research                                  | 130,502,021                   | -                          | 130,502,021    |
| Facilities                                       | 40,457                        | -                          | 40,457         |
| University support                               | 7,500,000                     | -                          | 7,500,000      |
| Research Properties, Inc.                        | 794,367                       | -                          | 794,367        |
| KU Center for Technology Commercialization, Inc. |                               |                            |                |
| royalties and technology                         | 3,695,046                     | -                          | 3,695,046      |
| Kansas Life Sciences Development                 |                               |                            |                |
| Company, Inc.                                    | (53)                          | -                          | (53)           |
| Management and general                           | 12,028,623                    |                            | 12,028,623     |
| Total expenses                                   | 154,560,461                   |                            | 154,560,461    |
| Change in Net Assets                             | 5,631,001                     | (2,758,670)                | 2,872,331      |
| Net Assets, Beginning of Year                    | 119,767,417                   | 7,465,243                  | 127,232,660    |
| Net Assets, End of Year                          | \$ 125,398,418                | \$ 4,706,573               | \$ 130,104,991 |

## Consolidated Statement of Functional Expenses Year Ended June 30, 2023

|  |                    |               |                       | Prog | ram Services             | ;  |                                      |             |                              | Supp | ort Services            |    |                   |
|--|--------------------|---------------|-----------------------|------|--------------------------|----|--------------------------------------|-------------|------------------------------|------|-------------------------|----|-------------------|
|  | Direct<br>Research | Facilities    | Jniversity<br>Support |      | esearch<br>perties, Inc. |    | Royalties and<br>Technology<br>KUCTC | KLSD        | Total<br>Program<br>Services |      | anagement<br>ad General | ı  | Total<br>Expenses |
| Personnel                              | \$<br>65,179,342   | \$<br>_       | \$<br>_               | \$   | _                        | \$ | 725,132                              | \$<br>_     | \$<br>65,904,474             | \$   | 9,399,899               | \$ | 75,304,373        |
| Fringe benefits                        | 16,498,781         | -             | -                     |      | -                        |    | 196,249                              | -           | 16,695,030                   |      | 2,477,573               |    | 19,172,603        |
| Contract services                      | 6,357,056          | -             | -                     |      | -                        |    | -                                    | -           | 6,357,056                    |      | 25,798                  |    | 6,382,854         |
| Travel, food and meetings              | 1,332,062          | -             | -                     |      | -                        |    | 3,934                                | -           | 1,335,996                    |      | 48,496                  |    | 1,384,492         |
| Professional fees                      | 10,459,790         | -             | -                     |      | -                        |    | 710,076                              | -           | 11,169,866                   |      | 426,664                 |    | 11,596,530        |
| Subaward payments                      | 18,607,039         | -             | -                     |      | -                        |    | -                                    | -           | 18,607,039                   |      | -                       |    | 18,607,039        |
| Supplies                               | 7,841,956          | -             | -                     |      | 1,559                    |    | -                                    | -           | 7,843,515                    |      | 161,330                 |    | 8,004,845         |
| Depreciation                           | -                  | 217,036       | -                     |      | -                        |    | -                                    | -           | 217,036                      |      | -                       |    | 217,036           |
| Payments to students and subjects      | 2,235,822          | -             | -                     |      | -                        |    | -                                    | -           | 2,235,822                    |      | 35,895                  |    | 2,271,717         |
| Fees, dues and charges                 | 8,969,450          | -             | -                     |      | 4,320                    |    | 233,630                              | 2,064       | 9,209,464                    |      | 446,821                 |    | 9,656,285         |
| Capital asset donation to KUMC         | 11,549,835         | -             | -                     |      | -                        |    | -                                    | -           | 11,549,835                   |      | 217,036                 |    | 11,766,871        |
| Equipment and other non-capital items  | 1,660,436          | -             | -                     |      | -                        |    | 13,494                               | -           | 1,673,930                    |      | 45,074                  |    | 1,719,004         |
| Services                               | 2,435,969          | -             | -                     |      | 540,675                  |    | 3,611                                | -           | 2,980,255                    |      | 807,643                 |    | 3,787,898         |
| F&A transfer for University operations | -                  | -             | 7,510,000             |      | -                        |    | -                                    | -           | 7,510,000                    |      | -                       |    | 7,510,000         |
| Royalty distributions                  | -                  | -             | -                     |      | -                        |    | 1,477,100                            | -           | 1,477,100                    |      | -                       |    | 1,477,100         |
| Bad debt expense                       | 545,407            | -             | -                     |      | -                        |    | -                                    | -           | 545,407                      |      | -                       |    | 545,407           |
| Insurance                              | <br>829            | <br>          | <br>                  |      |                          | _  |                                      | <br>        | <br>829                      |      | (500)                   |    | 329               |
| Totals                                 | \$<br>153,673,774  | \$<br>217,036 | \$<br>7,510,000       | \$   | 546,554                  | \$ | 3,363,226                            | \$<br>2,064 | \$<br>165,312,654            | \$   | 14,091,729              | \$ | 179,404,383       |

## Consolidated Statement of Functional Expenses Year Ended June 30, 2022

|  |                    |    |            |                       | Progr | am Services             |                                     |    |          |    |                              | Sup | oort Services           |    |                   |
|--|--------------------|----|------------|-----------------------|-------|-------------------------|-------------------------------------|----|----------|----|------------------------------|-----|-------------------------|----|-------------------|
|  | Direct<br>Research |    | Facilities | Iniversity<br>Support |       | esearch<br>erties, Inc. | oyalties and<br>Technology<br>KUCTC |    | KLSD     |    | Total<br>Program<br>Services |     | anagement<br>nd General | ı  | Total<br>Expenses |
| Personnel                              | \$<br>58,228,973   | \$ | -          | \$<br>_               | \$    | -                       | \$<br>548,498                       | \$ | _        | \$ | 58,777,471                   | \$  | 6,987,759               | \$ | 65,765,230        |
| Fringe benefits                        | 14,688,876         |    | -          | -                     |       | -                       | 155,796                             |    | -        |    | 14,844,672                   |     | 1,835,979               |    | 16,680,651        |
| Contract services                      | 3,380,310          |    | -          | -                     |       | -                       | -                                   |    | -        |    | 3,380,310                    |     | 25,622                  |    | 3,405,932         |
| Travel, food and meetings              | 588,241            |    | -          | -                     |       | -                       | -                                   |    | -        |    | 588,241                      |     | 23,527                  |    | 611,768           |
| Professional fees                      | 8,083,676          |    | -          | -                     |       | 1,040                   | 838,691                             |    | -        |    | 8,923,407                    |     | 1,190,499               |    | 10,113,906        |
| Subaward payments                      | 22,049,303         |    | -          | -                     |       | -                       | -                                   |    | -        |    | 22,049,303                   |     | -                       |    | 22,049,303        |
| Supplies                               | 8,071,460          |    | -          | -                     |       | 1,480                   | 6,788                               |    | -        |    | 8,079,728                    |     | 61,928                  |    | 8,141,656         |
| Depreciation                           | -                  |    | 40,457     | -                     |       | -                       | -                                   |    | -        |    | 40,457                       |     | -                       |    | 40,457            |
| Payments to students and subjects      | 2,050,087          |    | -          | -                     |       | -                       | -                                   |    | -        |    | 2,050,087                    |     | -                       |    | 2,050,087         |
| Fees, dues and charges                 | 7,670,632          |    | -          | -                     |       | 61,545                  | 110,463                             |    | (53)     |    | 7,842,587                    |     | 897,962                 |    | 8,740,549         |
| Capital asset donation to KUMC         | 1,419,863          |    | -          | -                     |       | -                       | -                                   |    | -        |    | 1,419,863                    |     | 40,457                  |    | 1,460,320         |
| Equipment and other non-capital items  | 845,066            |    | -          | -                     |       | -                       | -                                   |    | -        |    | 845,066                      |     | 54,948                  |    | 900,014           |
| Services                               | 2,115,678          |    | -          | -                     |       | 730,302                 | 2,334                               |    | -        |    | 2,848,314                    |     | 615,686                 |    | 3,464,000         |
| F&A transfer for University operations | -                  |    | -          | 7,500,000             |       | -                       | -                                   |    | -        |    | 7,500,000                    |     | -                       |    | 7,500,000         |
| Royalty distributions                  | -                  |    | -          | -                     |       | -                       | 2,032,476                           |    | -        |    | 2,032,476                    |     | -                       |    | 2,032,476         |
| Bad debt expense                       | 1,299,509          |    | -          | -                     |       | -                       | -                                   |    | -        |    | 1,299,509                    |     | 270,939                 |    | 1,570,448         |
| Insurance                              | <br>10,347         | _  | <u> </u>   | <br><u> </u>          |       |                         | <br>                                | _  | <u> </u> | _  | 10,347                       |     | 23,317                  | _  | 33,664            |
| Totals                                 | \$<br>130,502,021  | \$ | 40,457     | \$<br>7,500,000       | \$    | 794,367                 | \$<br>3,695,046                     | \$ | (53)     | \$ | 142,531,838                  | \$  | 12,028,623              | \$ | 154,560,461       |

### Consolidated Statements of Cash Flows Years Ended June 30, 2023 and 2022

|   | 2023           | 2022           |
|---|----------------|----------------|
| Operating Activities  | •              |                |
| Cash received from direct research, clinical trials, facility and |                |                |
| administrative fees and contributions                             | \$ 188,790,157 | \$ 165,315,803 |
| Cash received from royalties, technology, rents and other         | 4,438,371      | 5,198,780      |
| Investment income received  | 3,712,475      | 2,763,850      |
| Cash paid to employees and suppliers                              | (174,769,902)  | (155,264,685)  |
| Net cash provided by operating activities                         | 22,171,101     | 18,013,748     |
| Investing Activities  |                |                |
| Purchase of property and equipment                                | (598,840)      | (636,483)      |
| Purchase of investments   | (40,196,580)   | (53,426,744)   |
| Proceeds from disposition of investments                          | 23,425,741     | 31,293,151     |
| Net cash used in investing activities                             | (17,369,679)   | (22,770,076)   |
| Change in Cash and Cash Equivalents                               | 4,801,422      | (4,756,328)    |
| Cash and Cash Equivalents, Beginning of Year                      | 1,180,961      | 5,937,289      |
| Cash and Cash Equivalents, End of Year                            | \$ 5,982,383   | \$ 1,180,961   |
| Reconciliation of Change in Net Assets to Net Cash Provided by    |                |                |
| Operating Activities  |                |                |
| Change in net assets  | \$ 10,891,782  | \$ 2,872,331   |
| Items not requiring operating activities cash flows               |                |                |
| Depreciation  | 217,036        | 40,457         |
| Net realized and unrealized losses on investments                 | 6,132,228      | 13,339,238     |
| Change in investment in KLSD                                      | -              | 18,319         |
| Changes in  |                |                |
| Contract assets, accounts, grants, contributions                  |                |                |
| and interest receivables  | (3,117,109)    | (1,423,427)    |
| Prepaid expenses  | (937,819)      | 30,033         |
| Accounts payable and accrued expenses                             | 5,355,264      | (774,714)      |
| Deferred revenue  | 3,629,719      | 3,911,511      |
| Net cash provided by operating activities                         | \$ 22,171,101  | \$ 18,013,748  |

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

#### Note 1: Nature of Operations and Summary of Significant Accounting Policies

#### Nature of Operations

The University of Kansas Medical Center Research Institute, Inc. (RI), a not-for-profit organization, manages grants and contracts and earns facilities and administration (F&A) reimbursement and contract administration fees in connection with projects conducted by principal investigators who serve as faculty at the University of Kansas Medical Center (KUMC). The mission of RI is to support the research enterprise and promote scientific discovery in support of KUMC's faculty, staff and students. RI was established by KUMC in 1992; it is governed by a Board of Directors whose membership includes the KU Chancellor, KUMC faculty, KUMC administrators and community members.

Funding for research activities of RI is derived from federal and state grants, privately funded grants provided by corporations and from other not-for-profit organizations and royalties and licensing fees.

RI has four subsidiary corporations: Research Properties, Inc. (RP), KU Center for Technology Commercialization, Inc. (KUCTC), Precede Fund, L.C. (PF) and Kansas Life Sciences Development Company, Inc. (KLSD). All entities are collectively referred to as the "Organization" in the accompanying consolidated financial statements.

RP is tax exempt under IRC Section 501(c)(2) as a title holding corporation.

KUCTC is tax exempt under IRC Section 501(c)(3). KUCTC was organized effective July 1, 2008 to facilitate and support the research and technology transfer operations of the University of Kansas and its affiliated tax exempt research institutions.

KLSD is a for-profit corporation established to invest in start-up companies associated with medical research and technology. KLSD is a wholly-owned subsidiary of RI.

Although RI is a not-for-profit organization, which is exempt from federal income taxes under Section 501(c)(3) of the Internal Revenue Code (IRC), the consolidated accounts of RI are reported in the consolidated financial statements of KUMC due to the commonality of management, control and mission shared by the two organizations. The consolidated financial statements of KUMC are in turn reported in the consolidated financial statements of the University of Kansas (University).

#### **Principles of Consolidation**

The accompanying consolidated financial statements include the accounts of RI, its wholly owned subsidiaries, RP, KUCTC and KLSD. All intercompany transactions and balances have been eliminated in consolidation.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

#### Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America 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

RI considers all liquid investments with original maturities of three months or less to be cash equivalents. Uninvested cash and cash equivalents included in investment accounts are not considered to be cash and cash equivalents. At June 30, 2023 and 2022, cash equivalents consisted primarily of money market funds.

At times during the year, RI may hold deposits in excess of federal depository insurance limits, resulting in a concentration of credit risk. At June 30, 2023, RI's cash accounts exceeded federally insured limits by approximately \$8.4 million.

#### **Contract Assets**

Contract assets are recorded when RI has a right to consideration in exchange for good or services that RI has transferred to the customer, but payment is not yet due.

#### Accounts Receivable

Accounts receivable are stated at the amount of consideration from customers, of which RI has an unconditional right to receive plus any accrued and unpaid interest. An allowance for uncollectible receivables is provided for based on management's evaluation of potential uncollectible amounts at year end. Collectability is considered potentially impaired for invoices exceeding six months past due. Factors management considers in establishing the allowance for uncollectible receivables include an aging of accounts receivable and the likelihood of collection of individual accounts based on historical experience and established action plans for collections. The allowance as of June 30, 2023 and 2022, was approximately \$1,866,000 and \$1,906,000, respectively.

#### Grants and Contributions Receivable

Grants and contributions receivable primarily consist of amounts due from foundations and governmental agencies based on amounts defined in the contract or grant agreement. Grant receivables are typically paid by the granting agency in their normal course of business (usually within 90 days).

RI provides an allowance for uncollectible grants and contributions receivable, which is based upon a review of outstanding receivables, historical collection information and existing economic conditions. The allowance for grants and contributions receivable as of June 30, 2023 and 2022, was approximately \$1,012,000 and \$1,103,000, respectively.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

#### Investments and Net Investment Return

The Organization measures securities at fair value. The Organization measures equity securities and equity investments without a readily determinable fair value at cost, minus impairment, if any, plus or minus changes resulting from observable price changes for the identical or a similar investment.

For equity securities and equity investments measured under the practicability exception, the Organization performs a qualitative assessment for equity investments without readily determinable fair values considering impairment indicators to evaluate whether an impairment exists. If an impairment exists, the Organization will recognize a loss based on the difference between carrying value and the 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, less external and direct internal investment expenses. Gains and losses on the sale of securities are recorded on the trade date and are determined using the specific identification method.

Investment return that is initially restricted by donor stipulation and for which the restriction will be satisfied in the same year is recorded as with donor restrictions and then released from restriction. Other investment return is reflected in the consolidated statements of activities with or without donor restrictions based upon the existence and nature of any donor or legally imposed restrictions.

#### **Property and Equipment**

Property and equipment acquisitions over \$5,000 are stated at cost less accumulated depreciation and consist of land held for development by RP, as well as leasehold improvements, furniture and fixtures associated with the administrative offices occupied by RI in the KUMC facility and the life sciences incubator managed by RP, and computers and software. Depreciation is charged to expense using the straight-line method over the estimated useful lives of each asset. Assets under leasehold improvements are depreciated over the shorter of the lease term or their respective estimated useful lives.

The estimated useful lives for each major depreciable classification of property and equipment are as follows:

Leasehold improvements 15 years
Furniture and equipment 7 years
Computers and software 3 years

#### **Deferred Revenue**

Revenue from fees for clinical trials and direct research contracts is deferred and recognized over the periods to which the fees relate. Amounts received prior to meeting the stated conditions in direct research grants are also reported as deferred revenue.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

#### Net Assets

Net assets, revenues, gains and losses are classified based on the existence or absence of donor or grantor restrictions.

Net assets without donor restrictions are available for use in general operations and not subject to donor or certain grantor restrictions.

Net assets with donor restrictions are subject to donor or certain grantor restrictions. Some restrictions are temporary in nature, such as those that will be met by the passage of time or other events specified by the donor. Other restrictions are perpetual in nature, where the donor or grantor stipulates that resources be maintained in perpetuity.

#### Contract Revenues

RI generates direct research and clinical trial revenues from grants and contracts with governments (federal and non-federal) and other customers. Contracts in which there is commensurate value being exchanged between RI and the customers are recognized under ASC 606, Revenue from Contracts with Customers. Contract revenues are recognized as RI satisfies performance obligations under its contracts. Revenue is reported at the estimated transaction price, which includes a facilities and administrative charge, or amount that reflects the consideration to which RI expects to be entitled in exchange for providing services. RI determines the transaction price based on standard charges for services provided, reduced by implicit and explicit price concessions, if any. RI determines its estimates of implicit and explicit price concessions based upon contractual agreements, its discount policies and historical experience. The estimated amounts also include variable consideration for payments that are contractually withheld until the end of the research or trial period and paid only once all required work is completed. For the purposes of revenue recognition, variable consideration is assessed on a contract-by-contract basis and the amount included in the transaction price is estimated based on the assessment of RI's anticipated performance and consideration of all information that is reasonably available. Variable consideration is recognized as revenue if and when it is deemed probable that a significant reversal in the amount of cumulative revenue recognized will not occur when the uncertainty associated with the variable consideration is resolved in the future. If commensurate value is not received, transactions are recognized as a grant under ASC 958-605, Not-for-Profit Entities: Revenue Recognition.

#### Revenue Recognized Under ASC 958-605

Grants and contributions are provided to RI either with or without restrictions placed on the gift by the grantor or donor. Revenues and net assets are separately reported to reflect the nature of those gifts – with or without donor restrictions.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

The value recorded for each grant and contribution is recognized as follows:

| Nature of the Gift  | Value Recognized  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|
| Conditional gifts, with or without restriction Gifts that depend on RI overcoming a donor-imposed barrier to be entitled to the funds | Not recognized until the gift becomes unconditional, <i>i.e.</i> , the donor-imposed barrier is met                     |  |  |  |  |  |  |
| Unconditional gifts, with or without restriction Received at date of gift – cash and other assets                                     | Fair value  |  |  |  |  |  |  |
| Received at date of gift – property, equipment and long-lived assets  | Estimated fair value  |  |  |  |  |  |  |
| Expected to be collected within one year  | Net realizable value  |  |  |  |  |  |  |
| Collected in future years   | Initially reported at fair value determined using the discounted present value of estimated future cash flows technique |  |  |  |  |  |  |

In addition to the amount initially recognized, revenue for unconditional gifts to be collected in future years is also recognized each year as the present-value discount is amortized using the level-yield method.

Support funded by grants for direct research and clinical trials are conditioned upon certain performance requirements and/or the incurrence of allowable qualifying expenses. Amounts received are recognized as revenue when RI has incurred expenditures in compliance with specific contract or grant provisions. Amounts received prior to incurring qualifying expenditures are reported as deferred revenue in the consolidated statements of financial position. 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. When a donor or grantor stipulated time restriction ends or purpose restriction is accomplished, net assets with donor restrictions are reclassified to net assets without donor restrictions and reported in the consolidated statements of activities as net assets released from restrictions. Absent explicit donor or grantor stipulations for the period of time that long-lived assets must be held, expirations of restrictions for gifts of land, buildings, equipment and other long-lived assets are reported when those assets are placed in service.

Gifts and investment income that are originally restricted by the donor or grantor and for which the restriction is met in the same time period the gift is received are recorded as revenue with donor restrictions and then released from restriction.

Conditional contributions and grants having donor or grantor stipulations which are satisfied in the period the gift is received are recorded as revenue and net assets without donor restrictions.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

#### Facilities and Administrative Revenue

Facilities and administrative revenue represent indirect costs recovered on direct research income and clinical trials. Rates are negotiated with the U.S. Department of Health and Human Services or the respective private grant donor, as included in each grant agreement. 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.

#### Income Taxes

RI is exempt from income taxes under Section 501 of the Internal Revenue Code and similar provision of state law. However, RI is subject to federal income tax on any unrelated business taxable income. RI files tax returns in the U.S. federal jurisdiction.

RI follows accounting requirements related to uncertain tax positions. Tax positions taken may include positions that RI is exempt from income taxes or how RI determines its unrelated business income. Uncertain tax positions are recognized if it is more likely than not, based on the technical merits, that the tax position will be realized or sustained upon an examination by the relevant tax authority. No amounts have been recorded at June 30, 2023 and 2022, with respect to uncertain tax positions.

#### Functional Allocation of Expenses

The costs of supporting the various programs and other activities have been summarized on a functional basis in the consolidated statements of activities. The consolidated statements of functional expenses present the natural classification detail of expenses by function. Certain costs have been allocated among the program and management and general categories based on estimates of time incurred, usage and other relevant factors.

#### Reclassifications

Certain reclassifications have been made to the 2022 consolidated financial statements to conform to the 2023 consolidated financial statement presentation. These reclassifications had no effect on the change in net assets.

#### Subsequent Events

Subsequent events have been evaluated through November 9, 2023, which is the date the consolidated financial statements were available to be issued.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

#### Note 2: Investments and Fair Value Measurements

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value measurements must maximize the use of observable inputs and minimize the use of unobservable inputs. There is a hierarchy of three levels of inputs that may be used to measure fair value:

- Level 1 Quoted prices in active markets for identical assets or liabilities
- Level 2 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 for substantially the full term of the assets or liabilities
- **Level 3** Unobservable inputs supported by little or no market activity and are significant to the fair value of the assets or liabilities

The following tables present the fair value measurements of assets recognized in the accompanying consolidated statements of financial position measured at fair value on a recurring basis and the level within the fair value hierarchy in which the fair value measurements fall at June 30, 2023 and 2022:

| vel 2 Level 3 |
|---------------|
|               |
|               |
|               |
| ,568,864 \$ - |
|               |
| ,340,229 -    |
| ,990,416 -    |
| ,069,607 -    |
|               |
|               |
| ,969,116 \$ - |
|               |

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

|                         |                | Fair Va    | lue Measurements | s Using |
|-------------------------|----------------|------------|------------------|---------|
|                         | Fair Value     | Level 1    | Level 2          | Level 3 |
| June 30, 2022           |                |            |                  |         |
| Investments             |                |            |                  |         |
| Certificates of deposit | \$ 1,716,749   | \$ -       | \$ 1,716,749     | \$ -    |
| Collateralized mortgage |                |            |                  |         |
| obligations             | 100,486,210    | -          | 100,486,210      | -       |
| Municipal bonds         | 4,259,272      | -          | 4,259,272        | -       |
| Common stock            | 932,641        | 932,641    |                  |         |
|                         |                |            |                  |         |
| Total                   | \$ 107,394,872 | \$ 932,641 | \$ 106,462,231   | \$ -    |

Following is a description of the valuation methodologies and inputs used for assets measured at fair value on a recurring basis and recognized in the accompanying consolidated statements of financial position, as well as the general classification of such assets pursuant to the valuation hierarchy. There have been no significant changes in the valuation techniques during the year ended June 30, 2023.

#### Investments

Where quoted market prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. If quoted market prices are not available, then fair values are estimated by using quoted prices of securities with similar characteristics or independent asset pricing services and pricing models, the inputs of which are market-based or independently sourced market parameters, including, but not limited to, yield curves, interest rates, volatilities, prepayments, defaults, cumulative loss projections and cash flows. Such securities are classified in Level 2 of the valuation hierarchy. In certain cases where Level 1 or Level 2 inputs are not available, securities are classified within Level 3 of the hierarchy. No Level 3 securities were held for the years ended June 30, 2023 and 2022.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

#### Note 3: Contributions Receivable

Contributions receivable consisted of the following:

|   | 2023         | 2022         |
|---|--------------|--------------|
| Due within one year                             | \$ 2,466,937 | \$ 2,905,269 |
| Due in one to five years                        | 345,123      | 289,201      |
|   | 2,812,060    | 3,194,470    |
| Less: allowance for uncollectible contributions | 456,902      | 204,767      |
|   | \$ 2,355,158 | \$ 2,989,703 |

#### Note 4: Conditional Grants and Contributions

RI has received the following conditional promises to give at June 30, 2023 and 2022 that are not recognized in the consolidated financial statements:

|  | 2023           | 2022           |
|--|----------------|----------------|
| Conditional promises to give upon incurring                |                |                |
| qualifying expenses subject to the Uniform                 |                |                |
| Guidance (UG) regulations                                  | \$ 212,606,039 | \$ 228,643,015 |
| Conditional promises to give upon incurring eligible       | 5 022 782      | 5 145 912      |
| expenditures or receipt of future grantor's board approval | 5,923,783      | 5,145,813      |
|  | \$ 218,529,822 | \$ 233,788,828 |

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

#### Note 5: Revenue from Contracts with Customers

#### Clinical Trials and Fees

RI generally enters into contracts with customers to provide clinical research services with payments based on either achievement of milestones (*e.g.*, number of patients enrolled) or fee-for-service arrangements (*e.g.*, per patient per visit). RI is also entitled to a facilities and administrative fee to cover overhead and reimbursement for investigator fees and out-of-pocket costs associated with these services. At contract inception, RI assesses the services promised in the contracts with customers to identify the performance obligations in the arrangement. Generally, all clinical trial contracts are considered a single performance obligation because RI provides a highly-integrated service resulting in a combined output, which is clinical trial data that meets the relevant regulatory standards and can be used by the customer to progress to the next phase of a clinical trial or solicit approval of a treatment by the applicable regulatory body.

An arrangement is accounted for as a contract within the scope of Topic 606 when RI and its customers approve the contract, are committed to perform their respective obligations, each party can identify its rights regarding the goods or services to be transferred, commercial substance is present, and it is probable that RI will collect substantially all of the consideration to which it will be entitled in exchange for the goods or services that will be transferred to the customer.

For RI's services to meet this criteria, contracts generally need to be written, pending regulatory hurdles required to commence work must be cleared, the study protocol must be completed, the customer must have adequate funding or reasonable path to funding to execute the contracted portion of the study, and the study must be actively moving forward. Once these criteria have been met, it is deemed that RI and its customers are committed to perform their respective obligations. Depending on the timing of when these criteria are met, revenue recognition may vary significantly on a period over period basis.

Revenue is recognized for the single performance obligation over time due to RI's right to payment for work performed to date. The transaction price is the contractually defined amount that includes adjustment for variable consideration such as reimbursable costs, penalties or retainage on periodic billings, which are estimable. The contracts generally provide for the right to invoice the customer as work progresses at contractual rates, either based on units performed or the achievement of billing milestones.

Services under clinical trials are typically billed one month to one quarter in arrears, which may result in an unbilled service asset or contract asset at period-end. RI maintains and tracks patient visits for clinical trials and an accrual is recorded on an annual basis to record revenue in the proper fiscal year.

The progression of contract performance obligations are measured primarily utilizing the output method per patient per visit basis measure of progress for RI's contracts because it best depicts the transfer of control to the customer as the performance obligation is fulfilled. For this method, RI estimates a value to each visit performed under the trial and compares to total visits to date.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

In addition, out-of-pocket costs are reimbursed by the customer. Fees are allocated to each distinct month of service using time elapsed as a measure of progress toward the satisfaction of the performance obligation and variable consideration is allocated to the period in which it is incurred.

Most contracts are terminable by the customer, either immediately or according to advance notice terms specified within the contracts. These contracts require payment of fees for services rendered through the date of termination and may require payment for subsequent services necessary to conclude the study or close out the contract. Final settlement amounts are agreed to with the customer based on remaining work to be performed. These amounts are included in revenue when RI believes the amount can be estimated reliably and its realization is probable. In evaluating the probability of recognition, RI considers the contractual basis for the settlement amount and the objective evidence available to support the amount.

#### Direct Research Income

RI generally enters into contracts with customers to provide various research services with payments based on either a fixed fee or cost reimbursement. At contract inception, RI assesses the services promised in the contracts with customers to identify the performance obligations in the arrangement. Generally, all direct research income - contracts are considered a single performance obligation because RI provides a highly-integrated service resulting in a combined output.

Revenue is recognized for the single performance obligation over time due to RI's right to payment for work performed to date. The transaction price is the contractually defined amount that includes adjustment for variable consideration such as reimbursable costs or penalties. The contracts generally provide for the right to invoice the customer as work progresses.

Revenue for performance obligations satisfied over time is recognized ratably over the period based on the cost-to-cost measure. RI believes this method provides a faithful depiction of the transfer of services over the term of the performance obligation based on the inputs needed to satisfy the obligation.

Contracts generally provide for pricing modifications upon scope of work changes. RI recognizes revenue, at an amount to which it expects to be entitled, related to work performed in connection with scope changes when the underlying services are performed and a binding contractual commitment has been established with the customer. If RI's customers do not agree to contract changes upon changes in RI's scope of work, RI could be exposed to cost overruns and reduced contract profitability.

#### Transaction Price and Recognition

RI determines the transaction price based on RI's internal pricing guidelines, discount agreements, if any, and negotiations with the client. RI determines its estimates of explicit price concessions based on contractual agreements and its discount policies. RI determines its estimate of implicit price concessions based on its historical collection experience with this class of customers.

From time to time, RI will receive overpayments of customer balances resulting in amounts owed back to either the customers or third parties. These amounts are excluded from revenues and are recorded as liabilities until they are refunded. As of June 30, 2023 and 2022, RI did not have any overpayments and related liability.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

Subsequent changes to the estimate of the transaction price are generally recorded as adjustments to revenue in the period of the change. For the years ended June 30, 2023 and 2022, no additional revenue was recognized due to changes in its estimates of implicit price concessions, discounts and contractual adjustments for performance obligations satisfied in prior years. Subsequent changes that are determined to be the result of an adverse change in the customer's ability to pay are recorded as bad debt expense.

RI has determined that the nature, amount, timing and uncertainty of revenue and cash flows are affected by the following factors:

- Payers (e.g., customers, governmental programs and others) that have different reimbursement and payment methodologies
- Geography of the service location
- RI's line of business that provided the service

The composition of revenue by service type and timing of revenue recognition for the years ended June 30, 2023 and 2022 is as follows:

|  | 2023           | 2022           |
|--|----------------|----------------|
| Services transferred over time             |                |                |
| Direct research income                     | \$ 12,313,723  | \$ 8,377,815   |
| Clinical trials                            | 28,286,587     | 24,875,371     |
| Clinical trial IRB and administrative fees | 4,054,039      | 3,592,055      |
| Facilities and administrative revenue      | 11,709,818     | 9,081,570      |
| Revenue recognized under ASC 958-605       | 123,101,602    | 108,974,747    |
|  | \$ 179,465,769 | \$ 154,901,558 |

#### **Contract Balances**

The following table provides information about RI's receivables, contract assets and contract liabilities from contracts with customers:

|   | 2023          | 2022          |
|---|---------------|---------------|
| Accounts receivable, beginning of year  | \$ 11,311,131 | \$ 13,012,660 |
| Accounts receivable, end of year        | 15,956,454    | 11,311,131    |
| Contract assets, beginning of year      | 6,211,224     | 7,352,965     |
| Contract assets, end of year            | 7,497,185     | 6,211,224     |
| Contract liabilities, beginning of year | 6,729,748     | 5,083,623     |
| Contract liabilities, end of year       | 9,815,056     | 6,729,748     |

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

#### **Contract Costs**

RI has elected to apply the practical expedient provided by FASB ASC 340-40-25-4 and expense as incurred the incremental customer contract acquisition costs for contracts in which the amortization period of the asset that RI otherwise would have recognized is one year or less.

However, incremental costs incurred to obtain customer contracts for which the amortization period of the asset that RI otherwise would have recognized is longer than one year are capitalized and amortized over the life of the contract based on the pattern of revenue recognition from these contracts.

#### Note 6: Net Assets With Donor Restrictions

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

|  | 2023         | 2022         |
|--|--------------|--------------|
| Subject to expenditure for specified purpose   |              |              |
| Research projects                              | \$ 2,667,200 | \$ 1,716,870 |
| Promises to give, the proceeds from which have |              |              |
| been restricted by donors for                  |              |              |
| Research projects                              | 2,355,158    | 2,989,703    |
|  |              |              |
|  | \$ 5,022,358 | \$ 4,706,573 |

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

|                   | 2023         | 2022         |
|-------------------|--------------|--------------|
| Research projects | \$ 3,590,253 | \$ 5,605,147 |

#### Note 7: Liquidity and Availability

RI regularly monitors liquidity required to meet its operating needs and other contractual commitments, while also striving to maximize the investment of its available funds. RI has various sources of liquidity at its disposal, including cash and cash equivalents and marketable fixed income securities.

For purposes of analyzing resources available to meet general expenditures over a 12-month period, RI considers all expenditures related to its ongoing activities of research as well as the conduct of services undertaken to support those activities as general expenditures. Planned extraordinary expenses are also evaluated to anticipate liquidity needs not included in the regular cadence of general operations.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

In addition to financial assets available to meet general expenditures over the next 12 months, RI operates a budget designed to produce an increase in without donor restricted net assets and anticipates collecting sufficient revenue in excess of what is required to cover general expenditures. Refer to the consolidated statements of cash flows which identifies the sources and uses of RI's cash and cash equivalents and shows positive cash and cash equivalents generated by operations for the years ended June 30, 2023 and 2022.

As of June 30, 2023 and 2022, the following financial assets could readily be made available within one year of the consolidated statements of financial position date to meet general expenditures:

|  | 2023           | 2022           |
|--|----------------|----------------|
| Cash and cash equivalents  | \$ 5,982,383   | \$ 1,180,961   |
| Contract assets  | 7,497,185      | 6,211,224      |
| Accounts receivable, net   | 15,956,454     | 11,311,131     |
| Grants receivable, net   | 19,694,579     | 21,856,053     |
| Contributions receivable due within one year   | 2,466,937      | 2,905,269      |
| Investments  | 118,033,483    | 107,394,872    |
| Interest receivable  | 374,018        | 392,174        |
| Financial assets available to meet cash needs for general expenditures within one year | \$ 170,005,039 | \$ 151,251,684 |

RI receives significant contributions restricted by donors or grantors and considers contributions restricted for programs which are ongoing, major and central to its annual operations to be available to meet cash needs for general expenditures. For the years ended June 30, 2023 and 2022, restricted contributions of \$4,677,235 and \$4,417,372, respectively, were included in financial assets available to meet cash needs for general expenditures within one year.

#### Note 8: Related Party Transactions

#### University of Kansas and KUMC Operating Agreement

RI has an operating agreement with the University and KUMC. Significant provisions of the agreement are as follows: RI will manage and administer all KUMC extramural grants and contracts (including clinical trials); certain facilities and administrative (indirect) costs collected will be utilized by RI as directed by KUMC; and RI will occupy and use facilities of KUMC based on its agreement that the recovery of facilities and administrative costs and contract administration fees be shared with or used as designated by KUMC.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

For the years ended June 30, 2023 and 2022, the following amounts were paid to KUMC and are reflected as "University Support" in the accompanying consolidated statements of activities:

|   | <br>2023        | 2022 |           |  |
|---|-----------------|------|-----------|--|
| Facilities and administrative revenue distributions | \$<br>7,510,000 | \$   | 7,500,000 |  |

RI acquires a significant amount of equipment for use through its research projects program. Under the operating agreement noted above, after purchase, ownership of the equipment is transferred to KUMC for further use by its faculty. No depreciation expense is recognized by RI with respect to equipment acquired for use in research projects; instead, the entire amount of such equipment acquisitions are charged to expense and reflected as capital asset donations to KUMC in the accompanying consolidated statements of functional expenses. Additionally, a significant portion of RI's grant expenditures are paid through KUMC's payroll and procurement system, and RI reimburses all such expenditures to KUMC. As of and for the years ended June 30, 2023 and 2022, the following amounts were payable to and expenses incurred on behalf of RI by KUMC:

|   | <br>2023                                    |    |                                     |    | 2022                                     |    |                                     |  |
|---|---|----|-------------------------------------|----|--|----|-------------------------------------|--|
|   | Expense for the<br>Year Ended<br>June 30    |    | Amounts<br>Payable as of<br>June 30 |    | Expense for the<br>Year Ended<br>June 30 |    | Amounts<br>Payable as of<br>June 30 |  |
| Capital asset donations Personnel and fringe benefit expense Other general grant expenditures | \$<br>11,766,871<br>94,476,976<br>8,044,166 | \$ | 6,231,032                           | \$ | 1,460,320<br>82,445,881<br>13,897,315    | \$ | 1,486,120<br>-                      |  |
|   | \$<br>114,288,013                           | \$ | 6,231,032                           | \$ | 97,803,516                               | \$ | 1,486,120                           |  |

#### **KUCTC Affiliation Agreement**

KUCTC has an agreement to provide technology transfer services to all campuses of the University of Kansas. The University of Kansas Center for Research, Inc. (KUCR) and RI share the cost of operations of KUCTC, based on services provided at each campus. The support RI provides to KUCTC is eliminated in consolidation. KUCR reimburses RI for their support provided to KUCTC, which is included in other income in the consolidated statements of activities for the years ended June 30, 2023 and 2022. During the years ended June 30, 2023 and 2022, KUCR provided the following support:

|                               | <br>2023      | 2022 |           |  |
|-------------------------------|---------------|------|-----------|--|
| KUCR revenue support to KUCTC | \$<br>246,940 | \$   | 1,430,152 |  |

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

KUCTC has a revenue sharing agreement with the University and RI. Annually, a calculation is done of net assets in excess of KUCTC's operating expenses for the following fiscal year as defined by the agreement. Such excess is to be distributed to the University and RI, as agreed-upon between the parties. For the years ended June 30, 2023 and 2022, it was agreed-upon by the parties that no amounts would be distributed.

#### **KUCR Sub-Agreements**

KUCR enters into various subaward agreements with RI in order for RI to perform certain objectives under the research agreements. As of and for the years ended June 30, 2023 and 2022, the following amounts were owed from and revenues earned from research projects awarded by KUCR:

|  | <br>2023        | 2022 |           |  |
|--|-----------------|------|-----------|--|
| KUCR direct research subaward activity to RI | \$<br>3,212,982 | \$   | 3,447,109 |  |
| Amounts receivable as of June 30             | 914,105         |      | 1,186,944 |  |
| Amounts payable as of June 30                | 91,986          |      | 1,107,154 |  |

#### Kansas University Endowment Association Research Support

The Kansas University Endowment Association (KUEA) receives funding from other departments under KUMC to provide funding to the RI. Total amounts received from KUEA on behalf of other affiliated departments to support general research activities during the years ended June 30, 2023 and 2022 were \$2,482,850 and \$4,431,758, respectively.

#### Other

RI is affiliated with several other entities through its relationship with the University and KUMC. Significant transactions with these entities for the years ended June 30, 2023 and 2022, include purchasing supplies and services (*e.g.*, supplies and service fees under research projects, hospital services and lab fees associated with clinical trials, etc.) and entering into subaward agreements under certain research projects. As of and for the years ended June 30, 2023 and 2022, the following amounts were payable to and purchases from other affiliates:

|  |     | 2023                                     |    |                                     |    | 2022                                     |    |                                     |  |
|--|-----|--|----|-------------------------------------|----|--|----|-------------------------------------|--|
|  | Yea | Expense for the<br>Year Ended<br>June 30 |    | Amounts<br>Payable as of<br>June 30 |    | Expense for the<br>Year Ended<br>June 30 |    | Amounts<br>Payable as of<br>June 30 |  |
| General supply purchases and subaward expenses | \$  | 891,475                                  | \$ | 23,906                              | \$ | 256,096                                  | \$ | 4,375                               |  |

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

In addition, KUMC developed the Clinical Research Center (CRC). In 2012, KUMC entered into an agreement with the University of Kansas Hospital Authority (UKHA) to provide clinical services to support the CRC. Under the agreement, if UKHA's direct costs exceed its revenue from operating the clinic, KUMC would pay UKHA the difference as a settlement. The settlement for the year ended June 30, 2022 resulted in a significant liability for KUMC. Although the agreement with UKHA is with KUMC and not RI, RI has recorded an accrual for approximately \$737,000 as of June 30, 2022. During the year ended June 30, 2023, it was determined that RI would not pay the settlement and the accrual was reversed.

#### Note 9: Significant Estimates and Concentrations

Accounting principles generally accepted in the United States of America require disclosure of certain significant estimates and current vulnerabilities due to certain concentrations. Those matters include the following:

#### Accounts Receivable and Grants Receivable

Estimates associated with the allowance for uncollectible receivables are discussed in *Note 1*.

#### Grants Receivable

As of June 30, 2023, approximately 49 percent of grants receivable was due from two grantors. As of June 30, 2022, approximately 25 percent of grants receivable was due from one grantor.

#### Contributions Receivable

As of June 30, 2023 and 2022, approximately 31 percent and 49 percent of contributions receivable were due from one donor and three donors, respectively.

#### Direct Research Income

During the years ended June 30, 2023 and 2022, approximately 40 percent and 31 percent of total direct research income and the related facilities and administrative revenue was from three grantors, respectively.

#### **Contributions**

During the year ended June 30, 2023, approximately 56 percent of contribution was from three donors. During the year ended June 30, 2022, approximately 57 percent of contribution revenue was from one donor.

## Notes to Consolidated Financial Statements June 30, 2023 and 2022

#### Investments

RI invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such change could materially affect the amounts reported in the accompanying consolidated statements of financial position.

#### Functional Allocation of Expenses

Estimates used to allocate certain costs on a functional basis are discussed in *Note 1*.



## Consolidating Statement of Financial Position June 30, 2023

|                                   | Research<br>Institute | Research<br>Properties | KUCTC        | KLSD       | Eliminations | Consolidated   |
|-----------------------------------|-----------------------|------------------------|--------------|------------|--------------|----------------|
| ssets                             |                       |                        | -            | -          |              |                |
| Cash and cash equivalents         | \$ 5,016,739          | \$ 9,671               | \$ 856,027   | \$ 99,946  | \$ -         | \$ 5,982,383   |
| Contract assets                   | 7,497,185             | -                      | _            | -          | -            | 7,497,185      |
| Accounts receivable, net          | 15,358,777            | 107,829                | 489,848      | -          | -            | 15,956,454     |
| Grants receivable, net            | 19,694,579            | -                      | -            | -          | -            | 19,694,579     |
| Contributions receivable, net     | 2,355,158             | -                      | -            | -          | -            | 2,355,158      |
| Intercompany receivable           | 377,328               | -                      | -            | -          | (377,328)    |                |
| Investments                       | 117,808,611           | -                      | 224,872      | -          | · -          | 118,033,483    |
| Interest receivable               | 374,018               | -                      | -            | -          | -            | 374,018        |
| Prepaid expenses and other assets | 1,228,834             | -                      | -            | 113,821    | -            | 1,342,655      |
| Property and equipment, net       | 1,200,227             | 266,305                |              |            |              | 1,466,532      |
| Total assets                      | \$ 170,911,456        | \$ 383,805             | \$ 1,570,747 | \$ 213,767 | \$ (377,328) | \$ 172,702,44  |
| abilities and Net Assets          |                       |                        |              |            |              |                |
| Liabilities                       |                       |                        |              |            |              |                |
| Accounts payable                  | \$ 9,244,835          | \$ 96,941              | \$ 71,989    | \$ 12,500  | \$ -         | \$ 9,426,265   |
| Intercompany payable              | -                     | 85,250                 | 292,078      | -          | (377,328)    |                |
| Accrued expenses                  | 8,965,879             | 4,219                  | 353,521      | -          | -            | 9,323,619      |
| Deferred revenue                  | 12,955,790            |                        |              |            |              | 12,955,790     |
| Total liabilities                 | 31,166,504            | 186,410                | 717,588      | 12,500     | (377,328)    | 31,705,674     |
| Net Assets                        |                       |                        |              |            |              |                |
| Without donor restrictions        | 134,722,594           | 197,395                | 853,159      | 201,267    | _            | 135,974,415    |
| With donor restrictions           | 5,022,358             | <u> </u>               | <u> </u>     | <u> </u>   |              | 5,022,358      |
| Total net assets                  | 139,744,952           | 197,395                | 853,159      | 201,267    |              | 140,996,773    |
| Total liabilities and net assets  | \$ 170,911,456        | \$ 383,805             | \$ 1,570,747 | \$ 213,767 | \$ (377,328) | \$ 172,702,447 |

### Consolidating Statement of Activities Year Ended June 30, 2023

|   | Research<br>Institute<br>Without Donor<br>Restrictions | Research<br>Institute<br>With Donor<br>Restrictions | Research<br>Properties<br>Without Donor<br>Restrictions | KUCTC<br>Without Donor<br>Restrictions | KLSD<br>Without Donor<br>Restrictions | Eliminations | Consolidated   |
|---|--|---|---|--|---------------------------------------|--------------|----------------|
| Revenues, Gains and Other Support               |  |   |   |  |                                       |              |                |
| Direct research income                          | \$ 105,160,299   | \$ -  | \$ -  | \$ -                                   | \$ -                                  | \$ -         | \$ 105,160,299 |
| Clinical trials                                 | 30,502,822   | -   | -   | -                                      | -                                     | -            | 30,502,822     |
| Clinical trial IRB and administrative fees      | 4,054,039  | -   | =   | =                                      | -                                     | -            | 4,054,039      |
| Facilities and administrative revenue           | 39,748,609   | <u> </u>  | <u> </u>  |  | <u></u> _                             |              | 39,748,609     |
|   | 179,465,769  | -   | -   | -                                      | -                                     | -            | 179,465,769    |
| Contributions                                   | 4,848,896  | 3,906,038   | -   | -                                      | 75,000                                | -            | 8,829,934      |
| Research Properties, Inc. rental income         | (336,297)  | -   | 564,157   | -                                      | -                                     | 336,297      | 564,157        |
| Support for KU Center for Technology            | , , ,  |   |   |  |                                       |              |                |
| Commercialization, Inc.                         | 266,593  | -   | -   | 246,940                                | _                                     | (266,593)    | 246,940        |
| Royalties and technology income                 | 390,507  | -   | =   | 2,949,182                              | -                                     | (390,507)    | 2,949,182      |
| Net investment gain (loss)                      | (2,560,252)  | -   | -   | 122,343                                | _                                     |              | (2,437,909)    |
| Other income                                    | 678,092  | -   | =   | ´ <b>-</b>                             | =                                     | -            | 678,092        |
| Net assets released from restrictions           | 3,590,253  | (3,590,253)   | <u> </u>  |  |                                       |              |                |
| Total revenues, gains and other support         | 186,343,561  | 315,785   | 564,157   | 3,318,465                              | 75,000                                | (320,803)    | 190,296,165    |
| Expenses  |  |   |   |  |                                       |              |                |
| Direct research                                 | 153,673,774  | -   | -   | -                                      | -                                     | -            | 153,673,774    |
| Facilities                                      | 217,036  | -   | -   | -                                      | -                                     | -            | 217,036        |
| University support                              | 7,510,000  | -   | -   | -                                      | _                                     | _            | 7,510,000      |
| Research Properties, Inc.                       | -  | -   | 546,554   | -                                      | -                                     | -            | 546,554        |
| KU Center for Technology                        |  |   |   |  |                                       |              |                |
| Commercialization, Inc royalties and technology | -  | -   | -   | 3,684,029                              | -                                     | (320,803)    | 3,363,226      |
| Kansas Life Sciences Development                |  |   |   |  |                                       |              |                |
| Company, Inc.                                   | =  | -   | =   | -                                      | 2,064                                 | -            | 2,064          |
| Management and general                          | 14,091,729   |   |   |  |                                       |              | 14,091,729     |
| Total expenses                                  | 175,492,539  | . <u> </u>  | 546,554   | 3,684,029                              | 2,064                                 | (320,803)    | 179,404,383    |
| Change in Net Assets                            | 10,851,022   | 315,785   | 17,603  | (365,564)                              | 72,936                                | -            | 10,891,782     |
| Net Assets, Beginning of Year                   | 123,871,572  | 4,706,573   | 179,792   | 1,218,723                              | 128,331                               |              | 130,104,991    |
| Net Assets, End of Year                         | \$ 134,722,594   | \$ 5,022,358  | \$ 197,395  | \$ 853,159                             | \$ 201,267                            | \$ -         | \$ 140,996,773 |

### Schedule of Expenditures of Federal Awards Year Ended June 30, 2023

| Federal Grantor   | Pass-Through Grantor  | Cluster Name   | Program Name  | Federal<br>Assistance<br>Listing<br>Number               | Pass-Through Entity or Other<br>Identifying Number  | Passed Through to<br>Subrecipients    | Total Federal<br>Expenditures                                   |
|---|---|--|---|--|---|---------------------------------------|---|
| US Department of Agriculture  | University of Kansas Center for Research  | Research and Development Cluster   | Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations   | 10.250   | 58-4000-1-0130  | \$ -                                  | \$ 6,157  |
| Department of Defense Department of Defense Department of Defense Department of Defense   | IRCCS Ospedale San Raffaele   | Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster                                     | Military Medical Research and Development<br>Military Medical Research and Development<br>Military Medical Research and Development<br>Military Medical Research and Development  | 12.420<br>12.420<br>12.420<br>12.420                     | HT94252310025<br>HT9425-23-1-0011<br>W81XWH-22-1-0389<br>W81XWH2210323                                | 2,175                                 | 8,929<br>84,058<br>102,766<br>155,890                           |
| Department of Defense   | Thomas Jefferson University   | Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster | Military Medical Research and Development   | 12.420<br>12.420<br>12.420<br>12.420<br>12.420<br>12.420 | W81XWH2210322<br>W81XWH2110001<br>W81XWH-18-1-0031<br>W81XWH1910512<br>W81XWH1810497<br>W81XWH2110341 | 16,226                                | 194,578<br>746<br>301<br>21,300<br>(13,146)<br>275,314          |
| Department of Defense   |   | Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster | Military Medical Research and Development   | 12.420<br>12.420<br>12.420<br>12.420<br>12.420           | W81XWH2110341<br>W81XWH2110349<br>W81XWH2210035<br>W81XWH2010637<br>W81XWH2010876                     | (206)                                 | 253,314<br>251,874<br>159,413<br>255,350<br>76,966<br>1,574,339 |
| Department of Defense<br>Department of Defense  | The Geneva Foundation The Geneva Foundation   | Research and Development Cluster<br>Research and Development Cluster   | Uniformed Services University Medical Research Projects<br>Uniformed Services University Medical Research Projects  | 12.750<br>12.750   | HU0001222065<br>N22B98HP  |                                       | 9,111<br>116,163<br>125,274                                     |
| United States Department of Justice   | Michigan State University   | Research and Development Cluster   | National Institute of Justice Research, Evaluation, and Development Project Grants  | 16.560   | 2019-MU-CX-0094   | -                                     | (1)   |
| US Department of Transportation   | University of Kansas Center for Research  | Research and Development Cluster   | University Transportation Centers Program   | 20.701   | 69A3551747107   |                                       | 73,780  |
| National Aeronautics & Space Admin<br>National Aeronautics & Space Admin  |   | Research and Development Cluster<br>Research and Development Cluster   | Space Operations Space Operations   | 43.007<br>43.007   | NNX15AB48G<br>80NSSC20K1184   |                                       | 61,867<br>17,051<br>78,918                                      |
| National Aeronautics & Space Admin  | Kansas State University   | Research and Development Cluster   | Office of Stem Engagement (OSTEM)   | 43.008   | 80NSSC22M0263   |                                       | 6,004   |
| National Science Foundation<br>National Science Foundation<br>National Science Foundation   |   | Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster   | Engineering<br>Engineering<br>Engineering   | 47.041<br>47.041<br>47.041                               | 2129617<br>2129352<br>2125030   | 735,874<br>36,239<br>5,917<br>778,030 | 815,039<br>66,753<br>64,668<br>946,460                          |
| National Science Foundation   |   | Research and Development Cluster   | Computer and Information Science and Engineering  | 47.070   | 2014554   |                                       | 55,417  |
| National Science Foundation   | Cornell University  | Research and Development Cluster   | Biological Sciences   | 47.074   | 2005919   |                                       | 2,645   |
| National Science Foundation   | University of Kansas Center for Research  | Research and Development Cluster   | Education and Human Resources   | 47.076   | 1907002   |                                       | 32,169  |
| Department of Health and Human Services<br>Department of Health and Human Services | Roswell Park Cancer Institute Corporation<br>University of Nebraska Medical Center<br>University of Miami | Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster<br>Research and Development Cluster | Family Smoking Prevention and Tobacco Control Act Regulatory Research Family Smoking Prevention and Tobacco Control Act Regulatory Research Family Smoking Prevention and Tobacco Control Act Regulatory Research Family Smoking Prevention and Tobacco Control Act Regulatory Research Family Smoking Prevention and Tobacco Control Act Regulatory Research Family Smoking Prevention and Tobacco Control Act Regulatory Research | 93.077<br>93.077<br>93.077<br>93.077<br>93.077           | U54CA228110<br>R21DA054818<br>U01NS107027<br>K01DA054995<br>R01DA055999                               | 32,366<br>32,366                      | 74,352<br>36,835<br>18,489<br>197,336<br>611,247<br>938,259     |

## Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2023

|  |   |                                  |  | Federal<br>Assistance<br>Listing | Pass-Through Entity or Other | Passed Through to | Total Federal |
|--|---|----------------------------------|--|----------------------------------|------------------------------|-------------------|---------------|
| Federal Grantor                            | Pass-Through Grantor                            | Cluster Name                     | Program Name   | Number                           | Identifying Number           | Subrecipients     | Expenditures  |
| Department of Health and Human Services    | Virginia Commonwealth University                | Research and Development Cluster | Food and Drug Administration_Research                    | 93.103                           | R01FD006071                  | S -               | \$ 633        |
| Department of Health and Human Services    | University of Cincinnati                        | Research and Development Cluster | Food and Drug Administration_Research                    | 93.103                           | R01FD006817                  | -                 | 15,807        |
| Department of Health and Human Services    | University of Missouri                          | Research and Development Cluster | Food and Drug Administration_Research                    | 93.103                           | R01FD003937                  |                   | 1,937         |
| Department of Health and Human Services    |   | Research and Development Cluster | Food and Drug Administration_Research                    | 93.103                           | R01FD004809                  | -                 | 35,203        |
| Department of Health and Human Services    | Virginia Commonwealth University                | Research and Development Cluster | Food and Drug Administration_Research                    | 93.103                           | R01FD006071                  |                   | 609           |
|  |   |                                  |  |                                  |                              | -                 | 54,189        |
| Department of Health and Human Services    |   | Research and Development Cluster | Environmental Health                                     | 93.113                           | K99ES031148                  | -                 | 4,245         |
| Department of Health and Human Services    |   | Research and Development Cluster | Environmental Health                                     | 93.113                           | R21ES033118                  | 96,806            | 203,056       |
| Department of Health and Human Services    |   | Research and Development Cluster | Environmental Health                                     | 93.113                           | R01ES029280                  | 295,267           | 498,598       |
| Department of Health and Human Services    |   | Research and Development Cluster | Environmental Health                                     | 93.113                           | R35GM128562                  |                   | 628,068       |
| Department of Health and Human Services    |   | Research and Development Cluster | Environmental Health                                     | 93.113                           | R01ES029203                  | 22,276            | 341,097       |
|  |   |                                  |  |                                  |                              | 414,349           | 1,675,064     |
| Department of Health and Human Services    |   | Research and Development Cluster | Oral Diseases and Disorders Research                     | 93.121                           | R21DE032742                  |                   | 51,516        |
| Department of Health and Human Services    |   | Research and Development Cluster | Oral Diseases and Disorders Research                     | 93.121                           | F31DE031181                  |                   | 33,528        |
| Department of Health and Human Services    |   | Research and Development Cluster | Oral Diseases and Disorders Research                     | 93.121                           | R01DE031455                  | 12,775            | 212,414       |
| Department of Health and Human Services    |   | Research and Development Cluster | Oral Diseases and Disorders Research                     | 93.121                           | R01DE026172                  | 12,775            | 2,614         |
| Department of Health and Human Services    |   | Research and Development Cluster | Oral Diseases and Disorders Research                     | 93.121                           | R01DE026955                  |                   | 13,590        |
| Department of Fredhit and Frankin Services |   | research and Development Cluster | Old Diseases and Disorders research                      | 75.121                           | K01DE020/33                  | 12,775            | 313,662       |
| Department of Health and Human Services    | Arbor Research Collaborative for Health         | Research and Development Cluster | Grants to Increase Organ Donations                       | 93.134                           | U3EHS32756                   |                   | (27,231)      |
| Department of Health and Human Services    | University of Missouri                          | Research and Development Cluster | Health Program for Toxic Substances and Disease Registry | 93.161                           | R01TS00036                   | -                 | 4,323         |
| Department of Health and Human Services    | University of Minnesota                         | Research and Development Cluster | Human Genome Research                                    | 93.172                           | R01HG011916                  |                   | 12,848        |
| Department of Health and Human Services    | Noguchi Memorial Institute for Medical Research | Research and Development Cluster | Human Genome Research                                    | 93.172                           | U54HG010275                  |                   | 455           |
|  |   |                                  |  |                                  |                              | -                 | 13,303        |
| Department of Health and Human Services    | University of Kansas Center for Research        | Research and Development Cluster | Research Related to Deafness and Communication Disorders | 93.173                           | R21DC019215                  | -                 | 9,501         |
| Department of Health and Human Services    | MGH Institute of Health Professions             | Research and Development Cluster | Research Related to Deafness and Communication Disorders | 93.173                           | R01DC018823                  | 16,163            | 130,024       |
| Department of Health and Human Services    | CFD Research Corporation                        | Research and Development Cluster | Research Related to Deafness and Communication Disorders | 93.173                           | R44DC017408                  |                   | 48,818        |
| •  | •   | 1                                |  |                                  |                              | 16,163            | 188,343       |
| Department of Health and Human Services    | Indiana University                              | Research and Development Cluster | Research on Healthcare Costs, Quality and Outcomes       | 93.226                           | R01HS028001                  | -                 | 10            |
| Department of Health and Human Services    |   | Research and Development Cluster | Research on Healthcare Costs, Quality and Outcomes       | 93.226                           | R13HS027541                  | 28,750            | 75,565        |
| Department of Health and Human Services    |   | Research and Development Cluster | Research on Healthcare Costs, Quality and Outcomes       | 93.226                           | R01HS026134                  |                   | 52,039        |
|  |   |                                  |  |                                  |                              | 28,750            | 127,614       |
| Department of Health and Human Services    | Kansas State University                         | Research and Development Cluster | Mental Health Research Grants                            | 93.242                           | R01MH085739                  | -                 | 20,770        |
| Department of Health and Human Services    | Massachusetts General Hospital                  | Research and Development Cluster | Mental Health Research Grants                            | 93.242                           | R01MH124851                  | -                 | 21,070        |
| Department of Health and Human Services    | University of Kansas Center for Research        | Research and Development Cluster | Mental Health Research Grants                            | 93.242                           | R01MH112734                  | -                 | 6,988         |
| Department of Health and Human Services    |   | Research and Development Cluster | Mental Health Research Grants                            | 93.242                           | R01MH121245                  | 71,278            | 477,305       |
|  |   | •                                |  |                                  |                              | 71,278            | 526,133       |
| Department of Health and Human Services    | University of Iowa                              | Research and Development Cluster | Occupational Safety and Health Program                   | 93,262                           | U190H008868                  | _                 | 9,594         |
| Department of Health and Human Services    | University of Iowa                              | Research and Development Cluster | Occupational Safety and Health Program                   | 93.262                           | U19OH008868                  |                   | 23,953        |
| Department of French and Fundin Services   | Chirotony or to nu                              | research and Development Cluster | Occupational outer, and realist rogani                   | 75.202                           | 01/01100000                  |                   | 22.547        |

## Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2023

|   |   |   |  | Federal<br>Assistance |                              |                   |                    |
|---|---|---|--|-----------------------|------------------------------|-------------------|--------------------|
| Federal Grantor                               | David Thomas Country                        | Cluster Name  | Paraman Maria  | Listing               | Pass-Through Entity or Other | Passed Through to | Total Federal      |
| Department of Health and Human Services       | Pass-Through Grantor                        | Research and Development Cluster                                  | Program Name Alcohol Research Programs   | Number<br>93.273      | R01AA012863                  | Subrecipients -   | \$ 28,351          |
| Department of Health and Human Services       |   | Research and Development Cluster Research and Development Cluster | Alcohol Research Programs Alcohol Research Programs                                  | 93.273                | R37AA020518                  | 3 -               | 3,148              |
| Department of Health and Human Services       | University of Kansas Center for Research    | Research and Development Cluster                                  | Alcohol Research Programs  | 93.273                | R01AA027255                  |                   | 17,196             |
| Department of Health and Human Services       | Oniversity of Kansas Center for Research    | Research and Development Cluster                                  | Alcohol Research Programs  | 93.273                | U01AA024733                  |                   | 6,085              |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Alcohol Research Programs  | 93,273                | R37AA020518                  |                   | 507,456            |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Alcohol Research Programs  | 93,273                | R01AA012863                  |                   | 135,647            |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Alcohol Research Programs  | 93.273                | R01AA027586                  |                   | 514,746            |
|   |   |   |  |                       |                              |                   | 1,212,629          |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Drug Abuse and Addiction Research Programs   | 93.279                | 1K01DA055779                 | -                 | 112,685            |
| Department of Health and Human Services       | Butler Hospital                             | Research and Development Cluster                                  | Drug Abuse and Addiction Research Programs   | 93.279                | R01DA052907                  | -                 | 9,709              |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Drug Abuse and Addiction Research Programs   | 93.279                | K01DA040745                  | -                 | 2,581              |
| Department of Health and Human Services       | Lehigh University                           | Research and Development Cluster                                  | Drug Abuse and Addiction Research Programs   | 93.279                | R01DA047863                  | -                 | 49,099             |
| Department of Health and Human Services       | Lehigh University                           | Research and Development Cluster                                  | Drug Abuse and Addiction Research Programs   | 93.279                | R01DA048955                  |                   | 104,186            |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Drug Abuse and Addiction Research Programs   | 93.279                | R01DA0467576                 |                   | 9,185              |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Drug Abuse and Addiction Research Programs   | 93.279                | R01DA046576                  | 28,082<br>28,082  | 494,494<br>781,939 |
| Department of Health and Human Services       | Iowa State University                       | Research and Development Cluster                                  | Discovery and Applied Research for Technological Innovations to Improve Human Health | 93.286                | R21EB034184                  |                   | 540                |
| Department of Health and Human Services       | University of Massachusetts, Worcester      | Research and Development Cluster                                  | Discovery and Applied Research for Technological Innovations to Improve Human Health | 93.286                | U54HL143541                  |                   | 65,000             |
| Department of Health and Human Services       | University of Massachusetts, Worcester      | Research and Development Cluster                                  | Discovery and Applied Research for Technological Innovations to Improve Human Health | 93.286                | U54HL143541                  |                   | 2,500              |
| Department of Health and Human Services       | Kansas State University                     | Research and Development Cluster                                  | Discovery and Applied Research for Technological Innovations to Improve Human Health | 93.286                | R01EB028848                  |                   | 22,291             |
| Department of Health and Human Services       | University of Kansas Center for Research    | Research and Development Cluster                                  | Discovery and Applied Research for Technological Innovations to Improve Human Health | 93.286                | P41EB020594                  |                   | 23,328             |
| Department of Frederic and Franklin Set vices | on result of resolution                     | research and Bevelopment Claster                                  | Size of Cy and Applied Account to Pecanological land values to Improve Palacal       | 75.200                | 1112020371                   |                   | 113,659            |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Minority Health and Health Disparities Research                                      | 93.307                | R01MD015974                  | 56,461            | 449,517            |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Minority Health and Health Disparities Research                                      | 93.307                | R01MD018123                  | 38,765            | 391,197            |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Minority Health and Health Disparities Research                                      | 93.307                | K01MD014177                  | -                 | 131,592            |
|   |   |   | ,  |                       |                              | 95,226            | 972,306            |
| Department of Health and Human Services       | University of Missouri Kansas City          | Research and Development Cluster                                  | Trans-NIH Research Support   | 93,310                | U01MD018310                  |                   | 6,799              |
| Department of Health and Human Services       | University of Arkansas for Medical Sciences | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | U24OD024957                  | -                 | 2,740              |
| Department of Health and Human Services       | University of Arkansas for Medical Sciences | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | U24OD024957                  | -                 | 5,906              |
| Department of Health and Human Services       | University of Ghana Medical School          | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | U24HG009780                  |                   | 9,458              |
| Department of Health and Human Services       | University of Missouri Kansas City          | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | R01DK124664                  |                   | 12,991             |
| Department of Health and Human Services       | Duke Univ-Duke Clinical Research Inst       | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | U2COD023375                  |                   | 7,069              |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | UL1TR002366                  | -                 | (101)              |
| Department of Health and Human Services       | University of Missouri                      | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | U01HL152410                  | -                 | 10,380             |
| Department of Health and Human Services       | University of Missouri                      | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | U01HL152410                  | -                 | 57,527             |
| Department of Health and Human Services       | University of Arkansas for Medical Sciences | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | U24OD024957                  | -                 | 40,064             |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | U01MD017415                  | 666,985           | 1,167,078          |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | 2UG1OD024943-03              | 172,664           | 721,398            |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | Trans-NIH Research Support   | 93.310                | UL1TR002366                  | 32,918            | 196,367            |
|   |   |   |  |                       |                              | 872,567           | 2,237,676          |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | UL1TR002366                  | 669,106           | 4,300,841          |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | KL2TR002367                  | 282,985           | 551,762            |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | TL1TR002368                  | 59,330            | 354,519            |
| Department of Health and Human Services       | Duke Univ-Duke Clinical Research Inst       | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | U24TR001608                  | -                 | 45,690             |
| Department of Health and Human Services       | University of Pittsburgh                    | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | UL1TR001857                  | -                 | (2,814)            |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | UL1TR002366                  | 10,155            | 13,119             |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | TL1TR002368                  | -                 | 24,287             |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | R21TR003589                  | 61,179            | 190,332            |
| Department of Health and Human Services       | Virginia Commonwealth University            | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | R21TR003184                  |                   | 1,933              |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | TL1TR002368                  | 30,357            | 21,513             |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | KL2TR002367                  | (31,227)          | (50,179)           |
| Department of Health and Human Services       | University of Colorado                      | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | U24TR002306                  |                   | 33,097             |
| Department of Health and Human Services       |   | Research and Development Cluster                                  | National Center for Advancing Translational Sciences                                 | 93.350                | UL1TR002366                  | 147,833           | 243,766            |
|   |   |   |  |                       |                              | 1,229,718         | 5,727,866          |

## Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2023

|   |   |                                  |   |              | Federal<br>Assistance<br>Listing | Pass-Through Entity or Other | Passed Through to | Total Federal |
|---|---|----------------------------------|---|--------------|----------------------------------|------------------------------|-------------------|---------------|
| Federal Grantor                         | Pass-Through Grantor                                  | Cluster Name                     |   | Program Name | Number                           | Identifying Number           | Subrecipients     | Expenditures  |
| Department of Health and Human Services |   | Research and Development Cluster | Research Infrastructure Programs        |              | 93.351                           | S10OD032207                  | \$ -              | \$ 600,000    |
| Department of Health and Human Services | Emory University                                      | Research and Development Cluster | Nursing Research                        |              | 93.361                           | R01NR019083                  |                   | 62,372        |
| Department of Health and Human Services | University of Washington                              | Research and Development Cluster | Nursing Research                        |              | 93.361                           | R21NR020254                  |                   | 16,409        |
| Department of Health and Human Services | State University of New York Downstate Medical Center | Research and Development Cluster | Nursing Research                        |              | 93.361                           | R01NR018979                  |                   | 68,511        |
| Department of Health and Human Services | University of Iowa                                    | Research and Development Cluster | Nursing Research                        |              | 93.361                           | R21NR017347                  |                   | 135           |
| Department of Health and Human Services |   | Research and Development Cluster | Nursing Research                        |              | 93.361                           | R01NR016255                  | 13,491            | 22,689        |
| Department of Health and Human Services |   | Research and Development Cluster | Nursing Research                        |              | 93.361                           | R01NR019810                  | 27,972            | 650,245       |
| •                                       |   | 1                                | 8                                       |              |                                  |                              | 41,463            | 820,361       |
| Department of Health and Human Services | University of Colorado Denver                         | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93,393                           | R01CA254931                  |                   | 121,983       |
| Department of Health and Human Services | Wake Forest University                                | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93,393                           | R01CA226078                  |                   | 29,284        |
| Department of Health and Human Services | water steet ourveiling                                | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93,393                           | R01CA274560                  | 14.099            | 259,334       |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93,393                           | R01CA201309                  | - 1,077           | (25,229)      |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93.393                           | R01CA181047                  |                   | (41,826)      |
| Department of Health and Human Services | Dartmouth College                                     | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93,393                           | R01CA216265                  |                   | 2,882         |
| Department of Health and Human Services | University of California - San Francisco              | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93,393                           | R01CA207360                  |                   | 3,661         |
| Department of Health and Human Services | •   | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93.393                           | R01CA259256                  | 29,304            | 403,144       |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93.393                           | R01CA181047                  | 266,473           | 509,010       |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93.393                           | 3R01CA188898-04S1            |                   | 38,247        |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93.393                           | R01CA226838                  | 269,926           | 481,739       |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93.393                           | R01CA240103                  |                   | 531,325       |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93.393                           | R01CA268034                  |                   | 883,089       |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Cause and Prevention Research    |              | 93.393                           | R01CA249437                  | (7,650)           | 807,131       |
|   |   |                                  |   |              |                                  |                              | 572,152           | 4,003,774     |
| Department of Health and Human Services | University of Kansas Center for Research              | Research and Development Cluster | Cancer Detection and Diagnosis Research |              | 93.394                           | R21CA272351                  | -                 | 17,919        |
| Department of Health and Human Services | University of Kansas Center for Research              | Research and Development Cluster | Cancer Detection and Diagnosis Research |              | 93.394                           | R44CA224848                  |                   | 15,291        |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Detection and Diagnosis Research |              | 93.394                           | U01CA222163                  | 49,117            | 106,543       |
| Department of Health and Human Services | University of Florida                                 | Research and Development Cluster | Cancer Detection and Diagnosis Research |              | 93.394                           | R33CA214333                  |                   | (4,756)       |
| Department of Health and Human Services | University of Kansas Center for Research              | Research and Development Cluster | Cancer Detection and Diagnosis Research |              | 93.394                           | R01CA243445                  |                   | 14,242        |
| Department of Health and Human Services | Southern Methodist University                         | Research and Development Cluster | Cancer Detection and Diagnosis Research |              | 93.394                           | R21CA260360                  |                   | 13,667        |
| Department of Health and Human Services | Brown University                                      | Research and Development Cluster | Cancer Detection and Diagnosis Research |              | 93.394                           | R01CA253976                  |                   | 26,582        |
| Department of Health and Human Services | Kansas State University                               | Research and Development Cluster | Cancer Detection and Diagnosis Research |              | 93.394                           | R01CA217657                  |                   | 3,907         |
| Department of Health and Human Services | University of Kansas Center for Research              | Research and Development Cluster | Cancer Detection and Diagnosis Research |              | 93.394                           | R33CA252158                  |                   | 10,571        |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Detection and Diagnosis Research |              | 93.394                           | R01CA260132                  | 146,085           | 633,018       |
|   |   |                                  |   |              |                                  |                              | 195,202           | 836,984       |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | 1R21CA274193-01A1            | -                 | 381           |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | 1R21CA274044                 | 4,230             | 89,468        |
| Department of Health and Human Services | NRG Oncology Foundation, Inc.                         | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | U10CA180868                  |                   | 3,352         |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | R01CA261964                  | 12,074            | 321,451       |
| Department of Health and Human Services | Oregon Health and Sciences University                 | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | U10CA180888                  |                   | 18,668        |
| Department of Health and Human Services | Oregon Health and Sciences University                 | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | U10CA180888                  |                   | 9,658         |
| Department of Health and Human Services | Washington University                                 | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | R01CA243511                  |                   | 22,619        |
| Department of Health and Human Services | University of Notre Dame                              | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | R01CA222894                  |                   | 125,835       |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | R37CA250921                  |                   | 295,972       |
| Department of Health and Human Services | CICLOMED LLC  | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | R44CA246997                  |                   | 54,947        |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | R01CA231052                  | -                 | 347,884       |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | R37CA218118                  | 51,910            | 539,239       |
| Department of Health and Human Services |   | Research and Development Cluster | Cancer Treatment Research               |              | 93.395                           | UG1CA239767                  | 344,375           | 1,889,549     |
|   |   |                                  |   |              |                                  |                              | 412,589           | 3,719,023     |

|  |   |  |  | Federal<br>Assistance<br>Listing | Pass-Through Entity or Other | Passed Through to | Total Federal     |
|--|---|--|--|----------------------------------|------------------------------|-------------------|-------------------|
| Federal Grantor  | Pass-Through Grantor                                  | Cluster Name   | Program Name   | Number                           | Identifying Number           | Subrecipients     | Expenditures      |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Cancer Biology Research  | 93.396                           | 1R21CA277516                 | S -               | \$ 36,989         |
| Department of Health and Human Services  | Children's Mercy Hospital & Clinics                   | Research and Development Cluster                                     | Cancer Biology Research  | 93.396                           | R01CA214916                  | -                 | 26,657            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Cancer Biology Research  | 93.396                           | R01CA227838                  | -                 | 325,291           |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Cancer Biology Research  | 93.396                           | R01CA172764                  | 24,269            | 574,251           |
|  |   |  |  |                                  |                              | 24,269            | 963,188           |
|  |   |  |  |                                  |                              |                   |                   |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Cancer Centers Support Grants  | 93.397                           | P30CA168524                  | 146,389           | 2,521,006         |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Cancer Centers Support Grants  | 93.397                           | P30CA168524                  | 15,697            | 56,321            |
|  |   |  |  |                                  |                              | 162,086           | 2,577,327         |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Cancer Research Manpower   | 93.398                           | F30CA271796                  | -                 | 22,156            |
| Department of Health and Human Services  | University of Michigan                                | Research and Development Cluster                                     | Cancer Control   | 93,399                           | UG1CA242632                  |                   | 8,609             |
| Department of Health and Human Services  | Northwestern University                               | Research and Development Cluster                                     | Cancer Control   | 93,399                           | UG1CA242643                  |                   | 4,118             |
| Department of Health and Human Services  | Northwestern University                               | Research and Development Cluster                                     | Cancer Control   | 93.399                           | UG1CA242643                  |                   | 10,313            |
| Department of Health and Human Services  | NRG Oncology Foundation, Inc.                         | Research and Development Cluster                                     | Cancer Control   | 93.399                           | R-TOG Studies KS004          |                   | 11,598            |
| Department of Health and Human Services  | NRG Oncology Foundation, Inc.                         | Research and Development Cluster                                     | Cancer Control   | 93.399                           | GOG Studies                  |                   | 952               |
| Department of Health and Human Services  | Southwest Oncology Group                              | Research and Development Cluster                                     | Cancer Control   | 93.399                           | IPA Assignment               |                   | 20,379            |
| Department of Health and Human Services  | Michigan State University                             | Research and Development Cluster                                     | Cancer Control   | 93.399                           | UG1CA242632                  |                   | 34,987            |
|  |   |  |  |                                  |                              | -                 | 90,956            |
| Department of Health and Human Services  | University of Illinois at Urbana-Champaign            | Research and Development Cluster                                     | ACL National Institute on Disability, Independent Living, and Rehabilitation Research                | 93.433                           | 90DPHF0010-01-00             |                   | 6,589             |
| Department of Health and Human Services  | Behavioral Technologies Consulting Organization       | Research and Development Cluster                                     | ACL National Institute on Disability, Independent Living, and Rehabilitation Research                | 93.433                           | 90BISB0025                   |                   | 25,620            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | ACL National Institute on Disability, Independent Living, and Rehabilitation Research                | 93.433                           | 90DPKT0003                   | 1,116             | 241,724           |
|  |   |  |  |                                  |                              | 1,116             | 273,933           |
| Department of Health and Human Services  | Children's Mercy Hospital & Clinics                   | Research and Development Cluster                                     | Cardiovascular Diseases Research   | 93.837                           | K23HL159325                  |                   | 10,556            |
| Department of Health and Human Services  | St. Lukes Hospital                                    | Research and Development Cluster                                     | Cardiovascular Diseases Research   | 93.837                           | R01HL160734                  |                   | 7,611             |
| Department of Health and Human Services  | State University of New York Downstate Medical Center | Research and Development Cluster                                     | Cardiovascular Diseases Research   | 93.837                           | R25HL105446                  | -                 | 11,830            |
| Department of Health and Human Services  | Blood Center of Wisconsin                             | Research and Development Cluster                                     | Cardiovascular Diseases Research   | 93.837                           | R01HL068835                  | -                 | 12,929            |
| Department of Health and Human Services  | Children's Mercy Hospital & Clinics                   | Research and Development Cluster                                     | Cardiovascular Diseases Research   | 93.837                           | R01HL148463                  |                   | 16,539            |
| Department of Health and Human Services  | Indiana University                                    | Research and Development Cluster                                     | Cardiovascular Diseases Research   | 93.837                           | R01HL154859                  |                   | 114,053           |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Cardiovascular Diseases Research   | 93.837                           | K01HL135472                  |                   | 83,095            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Cardiovascular Diseases Research   | 93.837                           | K01HL149977                  | -                 | 134,493           |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Cardiovascular Diseases Research   | 93.837                           | R01HL159370                  |                   | 436,023           |
|  |   |  |  |                                  |                              | •                 | 827,129           |
| Department of Health and Human Services  | Brigham and Women's Hospital, Harvard Med School      | Research and Development Cluster                                     | Lung Diseases Research   | 93.838                           | U01HL146002                  |                   | 162,627           |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Lung Diseases Research   | 93.838                           | 1K23HL163445                 | -                 | 34,095            |
| Department of Health and Human Services  | State University of New York Downstate Medical Center | Research and Development Cluster                                     | Lung Diseases Research   | 93.838                           | R01HL162590                  | -                 | 3,172             |
| Department of Health and Human Services  | University of Michigan                                | Research and Development Cluster                                     | Lung Diseases Research   | 93.838                           | U24HL145265                  | -                 | 21,697            |
| Department of Health and Human Services  | West Virginia University                              | Research and Development Cluster                                     | Lung Diseases Research   | 93.838                           | OT2HL161847                  |                   | 669,884           |
| Department of Health and Human Services  | Columbia University NYC                               | Research and Development Cluster                                     | Lung Diseases Research   | 93.838                           | OT2HL156812                  |                   | 2,236             |
| Department of Health and Human Services  | New York University Grossman School of Medicine       | Research and Development Cluster                                     | Lung Diseases Research   | 93.838                           | 0T2HL156812                  |                   | 4,173             |
| Department of Health and Human Services  | University of North Carolina at Chapel Hill           | Research and Development Cluster                                     | Lung Diseases Research   | 93.838                           | U24HL138998                  | 102.242           | 82,136            |
| Department of Health and Human Services  | University of North Carolina Medical School           | Research and Development Cluster                                     | Lung Diseases Research   | 93.838                           | U24HL13899                   | 102,343           | 116,269<br>20,429 |
| Department of Health and Human Services  | University of Pennsylvania                            | Research and Development Cluster                                     | Lung Diseases Research   | 93.838<br>93.838                 | R01HL159886<br>R01HL133240   | 9,633             | 20,429<br>421,384 |
| Department of Health and Human Services<br>Department of Health and Human Services |   | Research and Development Cluster                                     | Lung Diseases Research Lung Diseases Research  | 93.838                           | R01HL133240<br>R01HL142543   | 16,226            | 421,384           |
| Department of Health and Human Services  |   | Research and Development Cluster<br>Research and Development Cluster | Lung Diseases Research  Lung Diseases Research   | 93.838                           | R01HL139365                  | 36,728            | 105,478           |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Lung Diseases Research  Lung Diseases Research   | 93.838                           | R01HL152832                  | 30,726            | 589,713           |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Lung Diseases Research   | 93.838                           | UG1HL139119                  | 75,842            | 272,345           |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Lung Diseases Research  Lung Diseases Research   | 93.838                           | R01HL157942                  | 13,042            | 683,505           |
| Department of freatur and fruman Services  |   | research and Development Cluster                                     | Lang Diseases research   | 73.030                           | NOTTE 13 / 742               | 240,772           | 3,624,072         |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Blood Diseases and Resources Research  | 93.839                           | K08HL163471                  | -                 | 124,322           |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Blood Diseases and Resources Research  | 93.839                           | R01HL157975                  | 135,189           | 401,563           |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Blood Diseases and Resources Research  | 93.839                           | R01HL144552                  | -                 | 363,800           |
|  |   | •  |  |                                  |                              | 135,189           | 889,685           |
| Department of Health and Human Services  | University of Texas Southwestern Med Ctr at Dallas    | Research and Development Cluster                                     | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders | 93.840                           | R61HL161753                  | -                 | 21,555            |

|  |  |  |  | Federal<br>Assistance<br>Listing | Pass-Through Entity or Other       | Passed Through to  | Total Federal      |
|--|--|--|--|----------------------------------|------------------------------------|--------------------|--------------------|
| Federal Grantor  Department of Health and Human Services                           | Pass-Through Grantor   | Cluster Name   | Program Name   | Number                           | Identifying Number                 | Subrecipients      | \$ 8.820           |
|  | University of North Carolina at Chapel Hill  | Research and Development Cluster                                   | Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research                | 93.846                           | U24AR076730<br>U19AR076725         | 3 -                | ,                  |
| Department of Health and Human Services<br>Department of Health and Human Services | University of Pittsburgh   | Research and Development Cluster                                   |  | 93.846                           | R01AR080131                        |                    | 21,865<br>22,462   |
|  | University of Connecticut Health Services<br>University of North Carolina at Chapel Hill | Research and Development Cluster                                   | Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research                | 93.846<br>93.846                 |                                    | •                  | 65,785             |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Arthritis, Musculoskeletal and Skin Diseases Research  Arthritis, Musculoskeletal and Skin Diseases Research               | 93.846                           | U24AR076730                        |                    | 3,823              |
| Department of Health and Human Services<br>Department of Health and Human Services | Massachusetts General Hospital   | Research and Development Cluster                                   |  |                                  | 1U01AR070498<br>R01AR071648        | (25,617)           | (73,882)           |
|  | H :- :- :- : :   | Research and Development Cluster                                   | Arthritis, Musculoskeletal and Skin Diseases Research  | 93.846                           |                                    | (25,017)           |                    |
| Department of Health and Human Services  | University of California Irvine  | Research and Development Cluster                                   | Arthritis, Musculoskeletal and Skin Diseases Research  | 93.846                           | R01AR078340                        |                    | 40,668             |
| Department of Health and Human Services  | TI be the CW II a  | Research and Development Cluster                                   | Arthritis, Musculoskeletal and Skin Diseases Research  | 93.846                           | 1K23AR078337-01A1 REVISED          |                    | 138,149            |
| Department of Health and Human Services  | University of Washington   | Research and Development Cluster                                   | Arthritis, Musculoskeletal and Skin Diseases Research  | 93.846                           | P50AR065139                        | -                  | 87,317             |
| Department of Health and Human Services  | University of North Carolina at Chapel Hill  | Research and Development Cluster                                   | Arthritis, Musculoskeletal and Skin Diseases Research  | 93.846                           | U24AR076730                        | •                  | 108,829            |
| Department of Health and Human Services  | University of Connecticut Health Services  | Research and Development Cluster                                   | Arthritis, Musculoskeletal and Skin Diseases Research  | 93.846                           | R01AR075143                        | 104025             | 26,793             |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Arthritis, Musculoskeletal and Skin Diseases Research  | 93.846                           | R01AR071263                        | 194,035<br>168,418 | 323,190<br>773,819 |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK126456                        | -                  | 3,818              |
| Department of Health and Human Services  | University of Miami  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK116875                        |                    | 9,145              |
| Department of Health and Human Services  | University of Kansas Center for Research   | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK129307                        | -                  | 2,162              |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | 1F31DK134197-01A1                  |                    | 8,660              |
| Department of Health and Human Services  | University of Kansas   | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK132320                        | -                  | 9,156              |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK134737-01                     | 10,403             | 80,667             |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK135308                        | -                  | 197,719            |
| Department of Health and Human Services  | University of Pittsburgh   | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | U24DK128125                        | -                  | 47,999             |
| Department of Health and Human Services  | University of Pittsburgh   | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | U24DK128125                        | -                  | 16,609             |
| Department of Health and Human Services  | University of Kentucky Research Foundation   | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK131786                        |                    | 22,510             |
| Department of Health and Human Services  | Vanderbilt University Medical Center   | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK115545                        |                    | 131,044            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | 5R01DK114504                       | 56,986             | 166,274            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | T32DK128770                        |                    | 71,899             |
| Department of Health and Human Services  | University of Michigan   | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | U54DK083912                        | -                  | 1,287              |
| Department of Health and Human Services  | Medical University of South Carolina   | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | U01DK104833                        |                    | 4,273              |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | F32DK128982                        |                    | 39,135             |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | F32DK127693                        |                    | 58,733             |
| Department of Health and Human Services  | Washington University  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | U01DK106853                        |                    | 12,320             |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | 1R01DK122212-02 REVISED            |                    | 172                |
| Department of Health and Human Services  | Resilio Therapeutics, LLC  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R41DK125183                        |                    | (6,169)            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | 2R01DK083525-08                    |                    | (1,124)            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | U01DK107131                        |                    | 2,320              |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | 5R01DK113111-05                    | 111,998            | 164,699            |
| Department of Health and Human Services  | University of Oklahoma Health Sciences Center  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK117965                        |                    | 52,771             |
| Department of Health and Human Services  | Pennsylvania State University  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK126050                        |                    | 15,387             |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | K01DK112967                        |                    | 88,378             |
| Department of Health and Human Services  | University of Texas Southwestern Med Ctr at Dallas                                       | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | U01DK058369                        |                    | 5,230              |
| Department of Health and Human Services  | •  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93,847                           | K01DK113048                        |                    | 132,273            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | 5K23DK109294-05                    |                    | 18,471             |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R56DK128962                        |                    | 38,152             |
| Department of Health and Human Services  | University of Ghana Medical School   | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93,847                           | U54DK116913                        |                    | 11,461             |
| Department of Health and Human Services  | •  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R56DK129234                        | (1,285)            | 120,216            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93,847                           | R01DK119131                        | 78,856             | 405,500            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK122205                        |                    | 242,258            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | 5R01DK116986-03                    | 10,161             | 159,321            |
| Department of Health and Human Services  | Children's Mercy Hospital & Clinics  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK117296                        |                    | 154,714            |
| Department of Health and Human Services  | , 1  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK102142                        |                    | 152,786            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93,847                           | R01DK099611                        | 23,043             | 425,691            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93,847                           | 1R01DK123590-01                    |                    | 402,932            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK098414                        |                    | 306,978            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93,847                           | R01DK125465                        |                    | 268,631            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK122212                        |                    | 527,036            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | 5R01DK115727-03                    | (10,653)           | 479,548            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK121497                        | 53,092             | 400,412            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK118220                        | 5,309              | 667,720            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | R01DK085317                        | 5,509              | 658,740            |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | 5R01DK116669-04                    | 11,374             | 782,578            |
| Department of Health and Human Services  Department of Health and Human Services   |  | Research and Development Cluster  Research and Development Cluster | Diabetes, Digestive, and Kidney Diseases Extramural Research  Diabetes, Digestive, and Kidney Diseases Extramural Research | 93.847                           | 5R01DK114069-04<br>5R01DK114121-05 | 11,374             | /82,5/8<br>598,605 |
| Department of Health and Human Services  |  | Research and Development Cluster                                   | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 93.847                           | U54DK126126                        | 31,643             | 717,827            |
| Department of freatth and fruman Services  |  | research and Development Cluster                                   | Diabetes, Digestive, and Kittley Diseases Extramural Research  | 95.84/                           | G3-DK120120                        | 200,027            | 0.077.024          |

|  |  |  |  | Federal<br>Assistance<br>Listing | Pass-Through Entity or Other   | Passed Through to | Total Federal      |
|--|--|--|--|----------------------------------|--------------------------------|-------------------|--------------------|
| Federal Grantor  | Pass-Through Grantor                       | Cluster Name   | Program Name   | Number                           | Identifying Number             | Subrecipients     | Expenditures       |
| Department of Health and Human Services  | George Washington University               | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | U54NS115054                    | S -               | \$ 17,878          |
| Department of Health and Human Services  | University of Cincinnati                   | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | U01NS100699                    | -                 | 52                 |
| Department of Health and Human Services  | University of Oklahoma                     | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | R01NS123051                    | 4,187             | 62,383             |
| Department of Health and Human Services  | University of Miami                        | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | U54NS092091                    | -                 | 4,182              |
| Department of Health and Human Services  | University of Rochester                    | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | 1U01NS101944-01                |                   | 33,146             |
| Department of Health and Human Services  | University of Cincinnati                   | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | U01NS095869                    | -                 | 1,595              |
| Department of Health and Human Services  | University of Rochester                    | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | U01NS101944                    |                   | 18,475             |
| Department of Health and Human Services  | Mayo Clinic Jacksonville                   | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | U01NS080168                    | -                 | 3,721              |
| Department of Health and Human Services  | University of Cincinnati                   | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | U01NS095869                    | -                 | 3,552<br>107       |
| Department of Health and Human Services<br>Department of Health and Human Services | TI S. S. CARLL                             | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853<br>93.853                 | 5R01NS030853-27<br>R01NS114251 | -                 | 19,709             |
| Department of Health and Human Services  | University of Michigan                     | Research and Development Cluster<br>Research and Development Cluster | Extramural Research Programs in the Neurosciences and Neurological Disorders  Extramural Research Programs in the Neurosciences and Neurological Disorders | 93.853                           | K23NS110470                    | •                 | 204.428            |
| Department of Health and Human Services  Department of Health and Human Services   | University of Oklahoma                     | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | R01NS123051                    | •                 | 210,536            |
| Department of Health and Human Services  | Minneapolis Medical Research Foundation    | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | U01NS095926                    |                   | 103,675            |
| Department of Health and Human Services  | Willineapons Wedicar Research Foundation   | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93,853                           | R00NS101127                    |                   | 239,688            |
| Department of Health and Human Services  | University of Kansas Center for Research   | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93,853                           | R01NS118918                    |                   | 265,911            |
| Department of Health and Human Services  | Chiversity of Ransas Center for Research   | Research and Development Cluster                                     | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 93.853                           | R01NS043314                    |                   | 449,051            |
| Department of French and Frankai Services  |  | research and Development Claster                                     | Examination research regions in the retails selected and retails great a solutions   | 75.055                           | 101110010011                   | 4,187             | 1,638,089          |
|  |  |  |  |                                  |                                | .,                | -,,                |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI173835                    |                   | 389                |
| Department of Health and Human Services  | Magee-Women's Research Institute           | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R25AI164613                    |                   | 9,206              |
| Department of Health and Human Services  | 9  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI166097                    |                   | 161,689            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R01AI170158                    | 314,045           | 354,020            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | U01AI170036                    | 217,446           | 482,401            |
| Department of Health and Human Services  | Fred Hutchinson Cancer Research Center     | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | UM1AI068614                    |                   | 80,959             |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI144923                    |                   | 103                |
| Department of Health and Human Services  | Kansas State University                    | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | A00-1041-S001                  |                   | 7,590              |
| Department of Health and Human Services  | Acenxion Biosystems, Inc.                  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R44AI157675                    | -                 | 15,478             |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21A1142028                    | -                 | (16)               |
| Department of Health and Human Services  | University of Kentucky Research Foundation | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R01AI144126                    | -                 | 44,593             |
| Department of Health and Human Services  | University of Kansas Center for Research   | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R01AI161085                    | -                 | 1,275              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI151542                    | -                 | 48,008             |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI144883                    | -                 | 31,098             |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI144624                    | -                 | 64                 |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI158229                    |                   | 159,357            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI156251                    | -                 | 112,126            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | 1R01A1121073-05 REVISED        | -                 | 122,964            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI163722                    | 02.447            | 215,341            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI156448                    | 92,447            | 190,791<br>211,536 |
| Department of Health and Human Services<br>Department of Health and Human Services |  | Research and Development Cluster<br>Research and Development Cluster | Allergy, Immunology and Transplantation Research<br>Allergy, Immunology and Transplantation Research   | 93.855<br>93.855                 | R21AI155819<br>R01AI162784     | •                 | 468,146            |
| Department of Health and Human Services  Department of Health and Human Services   |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | 5R21AI153773-02                |                   | 222,738            |
| Department of Health and Human Services  Department of Health and Human Services   |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R01AI158368                    |                   | 215,411            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI166293                    |                   | 186,247            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R21AI171265                    |                   | 134,391            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93,855                           | R01AI150877                    | 47,170            | 482,332            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | R01AI147276                    | .,,,,,            | 467,602            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Allergy, Immunology and Transplantation Research   | 93.855                           | U01AI138323                    |                   | 309,726            |
| i  |  |  |  |                                  |                                | 671,108           | 4,735,565          |
|  |  |  |  |                                  |                                | ,                 | ,,                 |
| Department of Health and Human Services  | Yale University                            | Research and Development Cluster                                     | Biomedical Research and Research Training  | 93.859                           | R01GM146463                    |                   | 6,105              |
| Department of Health and Human Services  | •  | Research and Development Cluster                                     | Biomedical Research and Research Training  | 93.859                           | P20GM103418                    |                   | 385,700            |
| Department of Health and Human Services  | Arizona State University                   | Research and Development Cluster                                     | Biomedical Research and Research Training  | 93.859                           | R01GM147635                    |                   | 133,240            |
| Department of Health and Human Services  | Kansas State University                    | Research and Development Cluster                                     | Biomedical Research and Research Training  | 93.859                           | P20GM113109                    | -                 | 8,275              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Biomedical Research and Research Training  | 93.859                           | 1R35GM145240                   |                   | 283,204            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Biomedical Research and Research Training  | 93.859                           | F31GM146446                    |                   | 26,946             |
| Department of Health and Human Services  | University of Kansas Center for Research   | Research and Development Cluster                                     | Biomedical Research and Research Training  | 93.859                           | P20GM113117                    |                   | 11,401             |
| Department of Health and Human Services  | University of Kansas Center for Research   | Research and Development Cluster                                     | Biomedical Research and Research Training  | 93.859                           | P20GM113117                    |                   | 60,573             |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Biomedical Research and Research Training  | 93.859                           | F32GM140718                    |                   | 24,180             |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Biomedical Research and Research Training  | 93.859                           | R01GM118660                    | -                 | (26,046)           |
| Department of Health and Human Services  | University of Kansas Center for Research   | Research and Development Cluster                                     | Biomedical Research and Research Training  | 93.859                           | R25GM078441                    |                   | 22,198             |

|  |   |  |   | Federal<br>Assistance<br>Listing | Pass-Through Entity or Other | Passed Through to | Total Federal      |
|--|---|--|---|----------------------------------|------------------------------|-------------------|--------------------|
| Federal Grantor  | Pass-Through Grantor                        | Cluster Name   | Program Name  | Number                           | Identifying Number           | Subrecipients     | Expenditures       |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | 2P20GM103418 19              | \$ 115,214        | \$ 115,214         |
| Department of Health and Human Services  | University of Kansas Center for Research    | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | P20GM103638                  |                   | 101                |
| Department of Health and Human Services  | University of Kansas Center for Research    | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | P20GM103638                  |                   | 133                |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | T32GM138077                  | £4.070            | 210,418            |
| Department of Health and Human Services  | 77. 1. 67. G . 6 B . 1                      | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | R25GM137272                  | 54,878            | 257,065            |
| Department of Health and Human Services<br>Department of Health and Human Services | University of Kansas Center for Research    | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | P20GM103638                  |                   | (1,008)<br>162,520 |
| Department of Health and Human Services  Department of Health and Human Services   | BBC Entrepreneurial Training Consulting     | Research and Development Cluster<br>Research and Development Cluster | Biomedical Research and Research Training Biomedical Research and Research Training | 93.859<br>93.859                 | 5K23GM123320-05              | 20,221            | 162,320            |
| Department of Health and Human Services Department of Health and Human Services    | BBC Entrepreneurial Training Consulting     |  | Biomedical Research and Research Training Biomedical Research and Research Training | 93.859                           | UT2GM130175<br>P20GM103418   | 12,336            | 116.483            |
| Department of Health and Human Services  |   | Research and Development Cluster<br>Research and Development Cluster | Biomedical Research and Research Training Biomedical Research and Research Training | 93.859                           | R01GM128241                  | 12,330            | 389,418            |
| Department of Health and Human Services  Department of Health and Human Services   |   | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | P30GM118247                  |                   | 85,832             |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | R01GM126778                  | 110,722           | 254,035            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | 4R01GM029764-33              | 110,722           | 408.462            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | P20GM103418                  | 2,394,091         | 3,985,476          |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | P30GM122731                  | 2,334,031         | 6,853              |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | P20GM130423                  | 288,801           | 1,962,516          |
| Department of Health and Human Services  Department of Health and Human Services   |   | Research and Development Cluster                                     | Biomedical Research and Research Training   | 93.859                           | P20GM144269                  | 200,001           | 2,076,727          |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Dioniculcal Research and Research Training  | 93.039                           | 1200101144209                | 2,996,263         | 11,128,406         |
|  |   |  |   |                                  |                              | 2,990,203         | 11,126,400         |
| Department of Health and Human Services  | Children's Mercy Hospital & Clinics         | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | K23HD109464                  |                   | 276                |
| Department of Health and Human Services  | Cinidens Metey Hospital & Cinies            | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD020676                  |                   | 172,055            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93,865                           | R01HD108466                  |                   | 78,694             |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R13HD083029                  |                   | 7,189              |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93,865                           | R21HD107535                  |                   | 107,477            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | K99HD107262                  |                   | 94,110             |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93,865                           | R01HD105734                  | 73,027            | 582,630            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93,865                           | F31HD104495                  |                   | 33,100             |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | F32HD096809                  |                   | (5,138)            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93,865                           | R13HD083029                  |                   | 3,324              |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD062860                  |                   | 18,449             |
| Department of Health and Human Services  | University of Kansas Center for Research    | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | U54HD090216                  | (13,355)          | 158,554            |
| Department of Health and Human Services  | University of Kansas Center for Research    | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | U54HD090216                  | -                 | 40,441             |
| Department of Health and Human Services  | The Lundquist Institute                     | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | HHSN275201300024I            |                   | (73,463)           |
| Department of Health and Human Services  | University of Arkansas for Medical Sciences | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | U24OD024957                  |                   | 2,322              |
| Department of Health and Human Services  | Children's Mercy Hospital & Clinics         | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD090981                  |                   | 143                |
| Department of Health and Human Services  | University of Kansas Center for Research    | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD100364                  |                   | 36,463             |
| Department of Health and Human Services  | •   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R21HD104033                  | 2,098             | 8,599              |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD020676                  | -                 | (1,693)            |
| Department of Health and Human Services  | Northwestern University                     | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD093723                  |                   | 62,600             |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD094373                  | -                 | 2,959              |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R21HD102188                  |                   | 276,460            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R21HD099364                  |                   | 42,770             |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R21HD104071                  | 1,862             | 196,239            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R21HD105534                  | 56,067            | 197,353            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | T32HD057850                  |                   | 208,736            |
| Department of Health and Human Services  | Arizona State University                    | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD093003                  |                   | 60,314             |
| Department of Health and Human Services  | University of Cincinnati                    | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD093694                  |                   | 148,863            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD096144                  | 350,137           | 466,100            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R21HD105095                  |                   | 252,630            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD062546                  |                   | 244,289            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD099638                  | 23,980            | 488,347            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD093933                  | 261,178           | 497,952            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD094545                  | (3,902)           | 162,079            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD103888                  |                   | 474,688            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD102623                  | 275,903           | 611,854            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD105714                  | 55,209            | 779,182            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD101319                  | 29,839            | 456,144            |
| Department of Health and Human Services  |   | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD103161                  |                   | 446,296            |
| Department of Health and Human Services  | University of Kansas Center for Research    | Research and Development Cluster                                     | Child Health and Human Development Extramural Research                              | 93.865                           | R01HD094704                  |                   | 455,997            |
|  |   |  |   |                                  |                              | 1.112.043         | 7.795.384          |

|  |  |  |                                  |              | Federal<br>Assistance<br>Listing | Pass-Through Entity or Other | Passed Through to | Total Federal        |
|--|--|--|----------------------------------|--------------|----------------------------------|------------------------------|-------------------|----------------------|
| Federal Grantor  | Pass-Through Grantor                               | Cluster Name   |                                  | Program Name | Number                           | Identifying Number           | Subrecipients     | Expenditures         |
| Department of Health and Human Services  | University of Kansas Center for Research           | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R21AG080923                  | S -               | \$ 411               |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG081304                  | -                 | 24,239               |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG078186                  | -                 | 140,863              |
| Department of Health and Human Services  | Washington University                              | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | U24AG072122                  | -                 | 9,250                |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | 7K07AG060266-05              | -                 | 66,574               |
| Department of Health and Human Services  | Duke Univ-Duke Clinical Research Inst              | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | U01AG061359                  | -                 | 28,732               |
| Department of Health and Human Services  | University of Southern California                  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R61AG066543                  | -                 | 620                  |
| Department of Health and Human Services  | Kansas State University                            | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG075012                  | -                 | 20,092               |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | 1T32AG078114-01              | -                 | 57,236               |
| Department of Health and Human Services<br>Department of Health and Human Services |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R61AG078967<br>R61AG078087   | 25,639            | 225,675<br>205,347   |
| Department of Health and Human Services  | Advent Health Research Institute                   | Research and Development Cluster<br>Research and Development Cluster | Aging Research<br>Aging Research |              | 93.866<br>93.866                 | R35AG072307                  | 23,039            | 4,499                |
| Department of Health and Human Services  | Advent realth Research institute                   | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | 1R03AG073932-01A1            | •                 | 85,727               |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG072624                  |                   | 551,411              |
| Department of Health and Human Services  | University of Utah                                 | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG074592                  | •                 | 13,061               |
| Department of Health and Human Services  | Duke Univ-Duke Clinical Research Inst              | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | U19AG063744                  |                   | 55,860               |
| Department of Health and Human Services  | University of Iowa                                 | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R21AG064308                  |                   | (586)                |
| Department of Health and Human Services  | chirelately of form                                | Research and Development Cluster                                     | Aging Research                   |              | 93,866                           | F30AG071349                  |                   | 58,163               |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R13AG067693                  |                   | 42,275               |
| Department of Health and Human Services  | Duke Univ-Duke Clinical Research Inst              | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | U19AG065188                  |                   | 52,352               |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | F30AG058397                  |                   | (1,146)              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R21AG058052                  |                   | (326)                |
| Department of Health and Human Services  | University of Southern California                  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | W81XWH-14-1-0462             | -                 | 30,260               |
| Department of Health and Human Services  | Eli Lilly & Company                                | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | U19AG010483                  | -                 | 6,550                |
| Department of Health and Human Services  | Columbia University NYC                            | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | RF1AG054320                  | -                 | 10,601               |
| Department of Health and Human Services  | University of Kansas Center for Research           | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R21AG070466                  | -                 | 6,351                |
| Department of Health and Human Services  | University of Kansas Center for Research           | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG061038                  | -                 | 17,319               |
| Department of Health and Human Services  | University of Southern California                  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG053798                  | -                 | 37,033               |
| Department of Health and Human Services  | University of Washington                           | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | U24AG072122                  | -                 | 29,427               |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | 5K23AG055666-05              | -                 | 232,220              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | K01AG072034                  | -                 | 175,374              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | K01AG058785                  | -                 | 177,258              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | K01AG065487                  | -                 | 124,128              |
| Department of Health and Human Services  | University of Missouri                             | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | U01AG070928                  | -                 | 123,283              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R21AG066491                  | -                 | 57,772               |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R21AG065755                  |                   | 216,429              |
| Department of Health and Human Services<br>Department of Health and Human Services | TI '- CW'  | Research and Development Cluster                                     | Aging Research                   |              | 93.866<br>93.866                 | R21AG066488<br>R01AG070883   |                   | 37,451<br>144,614    |
|  | University of Wisconsin                            | Research and Development Cluster                                     | Aging Research                   |              |                                  |                              | 1,196             | 144,614              |
| Department of Health and Human Services<br>Department of Health and Human Services |  | Research and Development Cluster<br>Research and Development Cluster | Aging Research<br>Aging Research |              | 93.866<br>93.866                 | R21AG073892<br>K99AG056600   | 1,190             | 75,731               |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R21AG065029                  |                   | 161,241              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG061194                  | 5,084             | 402,689              |
| Department of Health and Human Services  | University of Texas Southwestern Med Ctr at Dallas | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG049749                  | 5,004             | 182,836              |
| Department of Health and Human Services  | University of Southern California                  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | U24AF057437                  |                   | 86,022               |
| Department of Health and Human Services  | Cinversity of Southern Cuntoffina                  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG062548                  | 16,825            | 536,327              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93,866                           | 1R01AG060050-01A1            | 121,922           | 413,833              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG072895                  | 64,877            | 418,120              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | P30AG035982                  | 8,588             | 106,507              |
| Department of Health and Human Services  | University of Minnesota                            | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG069781                  |                   | 222,436              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG060733                  | -                 | 597,763              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG058530                  | -                 | 772,243              |
| Department of Health and Human Services  | University of Southern California                  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG058162                  | -                 | 443,934              |
| Department of Health and Human Services  | University of Kansas Center for Research           | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG061187                  | -                 | 738,209              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG069171                  | 128,547           | 468,382              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG060157                  | (3,153)           | 707,532              |
| Department of Health and Human Services  | University of Pittsburgh                           | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG053952                  | -                 | 709,645              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG064227                  | -                 | 923,306              |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R24AG063724                  | 232,711           | 1,073,506            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG070036                  | 5,294             | 1,596,961            |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R01AG063909                  | 33,253            | 1,195,106            |
| Department of Health and Human Services<br>Department of Health and Human Services |  | Research and Development Cluster                                     | Aging Research                   |              | 93.866                           | R33AG068483                  | 609,195<br>31,038 | 2,012,288<br>309,749 |
| Department of Health and Human Services Department of Health and Human Services    |  | Research and Development Cluster<br>Research and Development Cluster | Aging Research<br>Aging Research |              | 93.866<br>93.866                 | R01AG052954<br>P30AG072973   | 183,487           | 3,482,562            |
| Department of freathf and fruman Services  |  | research and Development Cluster                                     | riging research                  |              | 95.800                           | 130710012713                 | 105,407           | 3,402,302            |

|  |  |  |   | Federal<br>Assistance<br>Listing | Pass-Through Entity or Other  | Passed Through to | Total Federal    |
|--|--|--|---|----------------------------------|-------------------------------|-------------------|------------------|
| Federal Grantor  | Pass-Through Grantor   | Cluster Name   | Program Name  | Number                           | Identifying Number            | Subrecipients     | Expenditures     |
| Department of Health and Human Services  | University of Massachusetts  | Research and Development Cluster                                     | Autism Collaboration, Accountability, Research, Education, and Support                      | 93.877                           | UT441898                      | \$ -              | \$ 30,962        |
| Department of Health and Human Services  |  | Research and Development Cluster                                     | Medical Library Assistance  | 93.879                           | K01LM012870                   |                   | 11,911           |
| Department of Health and Human Services  | University of North Texas Science Center                               | Research and Development Cluster                                     | Medical Library Assistance  | 93.879                           | UG4LM012345                   |                   | 109,294          |
|  |  |  |   |                                  |                               | -                 | 121,205          |
| Department of Health and Human Services  | Hennepin Healthcare Research Institute (HHRI)                          | Research and Development Cluster                                     | Research and Development  | 93.RD                            | 75N91019D00024                |                   | 400              |
| Department of Health and Human Services  | Treampin Treatment Tresearch Institute (Time)                          | Research and Development Cluster                                     | Research and Development  | 93.RD                            | 12IPA                         |                   | 29,055           |
| Department of Health and Human Services  | University of Illinois at Chicago                                      | Research and Development Cluster                                     | Research and Development  | 93.RD                            | 75N91019D00016                | -                 | 246,390          |
| Department of Veterans Affairs   |  | Research and Development Cluster                                     | Research and Development  | 64.RD                            | IPA Tang                      | -                 | 6,289            |
| Department of Veterans Affairs<br>Department of Veterans Affairs                   |  | Research and Development Cluster<br>Research and Development Cluster | Research and Development Research and Development   | 64.RD<br>64.RD                   | IPA Treanor<br>IPA Szabo-Reed | -                 | 4,078<br>799     |
| Department of Veterans Affairs  Department of Veterans Affairs                     |  | Research and Development Cluster                                     | Research and Development  | 64.RD                            | Kumar IPA                     |                   | 37,833           |
| Department of Veterans Affairs   |  | Research and Development Cluster                                     | Research and Development  | 64.RD                            | 1I01BX002567-01               |                   | 24,799           |
| Department of Veterans Affairs   |  | Research and Development Cluster                                     | Research and Development  | 64.RD                            | BX004694-01                   | -                 | 813              |
| Department of Veterans Affairs   |  | Research and Development Cluster                                     | Research and Development  | 64.RD                            | 1I01BX004694-01               | -                 | 3,172            |
| Department of Veterans Affairs   |  | Research and Development Cluster                                     | Research and Development  | 64.RD                            | 1101BX002567-05               |                   | 942<br>354,570   |
|  |  |  |   |                                  |                               | •                 | 334,370          |
|  |  |  |   |                                  |                               |                   |                  |
|  |  | Total Research and Development Clu                                   | ster  |                                  |                               | 12,179,786        | 93,422,647       |
| HOD CA : I   |  |  | A ' I ID ID ' IA I'ID I   | 10.001                           | 50 2020 0 020                 |                   | 007              |
| US Department of Agriculture   |  |  | Agricultural Research Basic and Applied Research  | 10.001                           | 58-3020-0-020                 |                   | 997              |
| US Department of Agriculture   | Mid-America Regional Council   |  | Food Insecurity Nutrition Incentive Grants Program  | 10.331                           | 20227042438548                |                   | 45,088           |
| US Department of Agriculture   | Mid-America Regional Council   |  | Food Insecurity Nutrition Incentive Grants Program  | 10.331                           | USDA-NIFA-FINI-008053         |                   | 117,201          |
| US Department of Agriculture   | Mid-America Regional Council   |  | Food Insecurity Nutrition Incentive Grants Program  | 10.331                           | Nutrition Incentive Program   | 2,156             | 127,444          |
|  |  |  |   |                                  |                               | 2,156             | 289,733          |
| U.S. Department of Commerce  |  |  | Congressionally Identified Projects   | 11.617                           | 60NANB22D201                  |                   | 3,229,182        |
| •  |  |  |   |                                  |                               |                   |                  |
| Department of Labor  | Kansas Department of Commerce  |  | Disability Employment Policy Development  | 17.720                           | OD-36362-21-75-4-20           | -                 | 32,635           |
| Department of Labor  | Kansas Department of Commerce  |  | Disability Employment Policy Development  | 17.720                           | OD-36362-21-75-4-20           |                   | 41,569<br>74,204 |
|  |  |  |   |                                  |                               | •                 | 74,204           |
|  | Unified Government Public Health Department for Wyando                 | tte  |   |                                  |                               |                   |                  |
| US Department of the Treasury  | County (UGPHD)   |  | COVID-19 Coronavirus State and Local Fiscal Recovery Funds                                  | 21.027                           | SLFRP3214                     |                   | 10,089           |
| Department of Health and Human Services  | Heart to Heart International   |  | National Organizations of State and Local Officials   | 93.011                           | G3242618                      |                   | 36,626           |
| Department of Health and Human Services  | reart to reart international   |  | National Organizations of State and Local Officials   | 93.011                           | G3242016                      | -                 | 30,020           |
| Department of Health and Human Services  | Mid-America Regional Council   |  | National Family Caregiver Support, Title III, Part E  | 93.052                           | 2001MOOAFC                    | -                 | 128,491          |
| Department of Health and Human Services  | Hairanin - CMiarani Varras Cita  |  | Advancing Contact Improvement for Van Laure in Wassant, Harlin                              | 93.088                           | ASTWH190088                   |                   | 2,420            |
| Department of Health and Human Services  | University of Missouri Kansas City                                     |  | Advancing System Improvements for Key Issues in Women's Health                              | 93.088                           | ASI WH190088                  |                   | 2,420            |
| Department of Health and Human Services  | University of Nebraska Medical Center                                  |  | Maternal and Child Health Federal Consolidated Programs                                     | 93.110                           | UO1MC17261 10 00              |                   | 65,493           |
| Department of Health and Human Services  | •  |  | Maternal and Child Health Federal Consolidated Programs                                     | 93.110                           | T73MC06623                    | 2,447             | 651,275          |
|  |  |  |   |                                  |                               | 2,447             | 716,768          |
| Department of Health and Human Services  |  |  | Grants to Increase Organ Donations  | 93.134                           | U1333878                      | 6,510,299         | 6,555,497        |
|  |  |  |   | 75.154                           |                               | -11-//            | -,,-/            |
| Department of Health and Human Services  | Kansas Department of Health and Environment                            |  | Injury Prevention and Control Research and State and Community Based Programs               | 93.136                           | NUCE924998                    |                   | 33,122           |
| Department of Health and Human Services  | Kansas Department of Health and Environment                            |  | Injury Prevention and Control Research and State and Community Based Programs               | 93.136                           | NUI7CE924998                  |                   | 50,460           |
|  |  |  |   |                                  |                               | •                 | 83,582           |
| Department of Health and Human Services  | City of Wichita  |  | Community Programs to Improve Minority Health Grant Program                                 | 93.137                           | CPIMP211300                   |                   | 190,854          |
| •  | •  |  | , , , , ,   |                                  |                               |                   |                  |
| Department of Health and Human Services  | University of Illinois at Chicago                                      |  | HIV-Related Training and Technical Assistance   | 93.145                           | U10HA32109                    | -                 | 1,542            |
| Department of Health and Human Services<br>Department of Health and Human Services | University of Illinois at Chicago<br>University of Illinois at Chicago |  | HIV-Related Training and Technical Assistance HIV-Related Training and Technical Assistance | 93.145<br>93.145                 | U1OHA32109<br>U1OHA29293      | 20,516            | 2,601<br>202,060 |
| Department of Heatin and Human Services  | Chirology of minois at Chicago   |  | III - remote realing and recimient resistance   | 93.143                           | 0.01212/2/3                   | 20,516            | 206,203          |

|   |   |  |  | Federal<br>Assistance<br>Listing | Pass-Through Entity or Other           | Passed Through to | Total Federal               |
|---|---|--|--|----------------------------------|--|-------------------|-----------------------------|
| Federal Grantor   | Pass-Through Grantor                        | Cluster Name   | Program Name   | Number                           | Identifying Number                     | Subrecipients     | Expenditures                |
| Department of Health and Human Services   |   |  | Graduate Psychology Education  | 93.191                           | D4045686                               | S -               | \$ 162,464                  |
| Department of Health and Human Services<br>Department of Health and Human Services<br>Department of Health and Human Services | University of Kansas Health System          |  | Telehealth Programs Telehealth Programs Telehealth Programs  | 93.211<br>93.211<br>93.211       | GA5RH37462<br>G01RH32160<br>D3FRH29257 | -<br>-<br>-       | (2,944)<br>(2,011)<br>1,169 |
| Department of Health and Human Services   |   |  | Telehealth Programs  | 93.211                           | G22RH30363                             | 6,655             | 47,521                      |
| Department of Health and Human Services   |   |  | Telehealth Programs  | 93.211                           | 1 U3IRH43512-01-00                     | -                 | 595,665                     |
| Department of Health and Human Services   |   |  | Telehealth Programs  | 93.211                           | 1 G01RH42541-01-00                     |                   | 370,236                     |
| Department of Health and Human Services   |   |  | Telehealth Programs  | 93.211                           | 1 U1UTH42530-01-00                     | 134,096           | 435,788                     |
|   |   |  |  |                                  |  | 140,751           | 1,445,424                   |
| Department of Health and Human Services<br>Department of Health and Human Services  |   |  | Substance Abuse and Mental Health Services Projects of Regional and National Significance<br>Substance Abuse and Mental Health Services Projects of Regional and National Significance | 93.243<br>93.243                 | H79SM086348<br>1H79FG0012901           |                   | 827,320<br>(4,108)          |
|   |   |  | , , ,  |                                  |  |                   | 823,212                     |
| Department of Health and Human Services   |   |  | Advanced Nursing Education Workforce Grant Program   | 93.247                           | T1433204                               | -                 | 487,905                     |
| Department of Health and Human Services   |   |  | Poison Center Support and Enhancement Grant  | 93.253                           | H4BHS15505                             |                   | 400,524                     |
| Department of Health and Human Services Department of Health and Human Services   |   | Student Financial Assistance Cluster<br>Student Financial Assistance Cluster | Nurse Faculty Loan Program Nurse Student Loans   | 93.264<br>93.364                 | 6 E01HP28798-08-01<br>E4C14972         | :                 | 113,789<br>189,667          |
| Department of French and Frankai Services   |   | Staten I manoan I issistance Craster   | This State Louis   | ,,,,,,,,,                        | 21011712                               |                   | 303,456                     |
| Department of Health and Human Services   | Kansas Governors Grants Program             |  | Immunization Cooperative Agreements  | 93.268                           | 6NH23IP922627                          | -                 | 9,507                       |
| Department of Health and Human Services   | Washington University                       |  | Sickle Cell Treatment Demonstration Program  | 93.365                           | U1E27865                               |                   | 1,666                       |
| Department of Health and Human Services   | The Task Force for Global Health, Inc.      |  | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect  |                                  |  |                   | ,                           |
|   |   |  | the Nation's Health  | 93.421                           | NU38OT000316                           | -                 | 58,724                      |
| Department of Health and Human Services   | Kansas Department of Health and Environment |  | Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke   | 93.426                           | NU58DP006536                           | -                 | (647)                       |
| Department of Health and Human Services   | National Alliance for Hispanic Health       |  | Networking2Save: CDC National Network Approach to Preventing and Controlling Tobacco-related Cancers in Special Populations  | 93.431                           | NU58DP006492                           |                   | 3,206                       |
| Department of Health and Human Services   | Kansas Children's Cabinet                   |  | Every Student Succeeds Act/Preschool Development Grants  | 93.434                           | 90TP0078                               |                   | 32,791                      |
|   |   |  | •  |                                  |  |                   |                             |
| Department of Health and Human Services   | OCCK, Inc.                                  |  | Alzheimer's Disease Program Initiative   | 93.470                           | 90ADPI0073                             | -                 | 29,996<br>994,687           |
| Department of Health and Human Services<br>Department of Health and Human Services  |   |  | Congressional Directives Congressional Directives  | 93.493<br>93.493                 | CE147377<br>CE147042                   |                   | 7,843,363                   |
| Department of Health and Human Services   |   |  | Congressional Directives   | 93.493                           | CE14/042                               | <del></del>       | 8,838,050                   |
| Department of Health and Human Services   | Kansas Department of Health and Environment |  | Pregnancy Assistance Fund Program  | 93.500                           | SP1AH000070                            | -                 | 144,590                     |
| Department of Health and Human Services   | Kansas Department of Health and Environment |  | COVID-19 Affordable Care Act (ACA) Maternal, Infant, and Early Childhood Home Visiting Program   | 93.505                           | MIECHV                                 | 8,430             | 319,689                     |
| Department of Health and Human Services   | Kansas Social Rehabilitation Services       |  | Temporary Assistance for Needy Families  | 93.558                           | EES-2022-KEHSHV-09                     |                   | 350,043                     |
| Department of Health and Human Services   | Kansas Social Rehabilitation Services       | CCDF Cluster   | Child Care and Development Block Grant   | 93.575                           | EES-2022-KEHSCCP-09                    | -                 | 405,455                     |
| Department of Health and Human Services   | Kansas Social Rehabilitation Services       | CCDF Cluster   | Child Care Mandatory and Matching Funds of the Child Care and Development Fund   | 93.596                           | EES-2017-KEHSCCP-09-G                  | -                 | (7,556)<br>397,899          |
| Department of Health and Human Services   |   | Head Start Cluster   | Head Start   | 93,600                           | 07CH011678                             |                   | 33,728                      |
| Department of Health and Human Services   |   | Head Start Cluster   | Head Start   | 93.600                           | 07CH011678                             | 177,026           | 3,369,003                   |
| Department of Health and Human Services   |   | Head Start Cluster   | Head Start   | 93.600                           | 07CH011678                             | ,                 | 127,605                     |
| Department of Health and Human Services   |   | Head Start Cluster   | COVID-19 Head Start  | 93,600                           | 07HE000232                             |                   | 45,851                      |
| Department of Health and Human Services   |   | Head Start Cluster   | Head Start   | 93.600                           | 07CH011678                             |                   | (7,733)                     |
| Department of Health and Human Services   |   | Head Start Cluster   | COVID-19 Head Start  | 93.600                           | 07HE000232                             | -                 | 232,573                     |
| Department of Health and Human Services   | The Family Conservancy                      | Head Start Cluster   | Head Start   | 93.600                           | NA                                     |                   | 580,076                     |
|   |   |  |  |                                  |  | 177.026           | 4 291 102                   |

| Federal Grantor  | Pass-Through Grantor   | Cluster Name         | Program Name   | Federal<br>Assistance<br>Listing<br>Number | Pass-Through Entity or Other<br>Identifying Number            | Passed Through to<br>Subrecipients | Total Federal<br>Expenditures                 |
|--|--|----------------------|--|--|---|------------------------------------|---|
| Department of Health and Human Services  | Kansas Department for Children and Families  |                      | Adoption and Legal Guardianship Incentive Payments   | 93.603                                     | PPS-KUFRC-2023-01   | S -                                | \$ 47,953                                     |
| Department of Health and Human Services<br>Department of Health and Human Services   | University of Kansas Center for Research<br>University of Kansas Center for Research   |                      | University Centers for Excellence in Developmental Disabilities Education, Research, and Service University Centers for Excellence in Developmental Disabilities Education, Research, and Service  | 93.632<br>93.632                           | 2300424<br>0-2994970  |                                    | 50,484<br>(2,546)<br>47,938                   |
| Department of Health and Human Services  | Kansas Department for Children and Families  |                      | Foster Care Title IV-E   | 93.658                                     | PPS-2019-FFPSB-1  | 114,210                            | 379,499                                       |
| Department of Health and Human Services<br>Department of Health and Human Services   | University of Kansas Center for Research   |                      | Mental and Behavioral Health Education and Training Grants<br>Mental and Behavioral Health Education and Training Grants   | 93.732<br>93.732                           | M0131360<br>M01HP31361  |                                    | 7,909<br>(88,178)<br>(80,269)                 |
| Department of Health and Human Services  | University of Missouri St. Louis   |                      | Opioid STR   | 93.788                                     | H79TI083284   | -                                  | 1,810   |
| Department of Health and Human Services<br>Department of Health and Human Services   | University of Illinois at Chicago  |                      | Primary Care Training and Enhancement<br>Primary Care Training and Enhancement   | 93.884<br>93.884                           | TA248953<br>T1331910  |                                    | 193,656<br>16,135<br>209,791                  |
| Department of Health and Human Services<br>Department of Health and Human Services<br>Department of Health and Human Services<br>Department of Health and Human Services | Kansas Department of Health and Environment<br>Kansas Department of Health and Environment<br>Kansas Department of Health and Environment<br>Kansas Department of Health and Environment |                      | Cancer Prevention and Control Programs | 93.898<br>93.898<br>93.898<br>93.898       | 1NU28DP007104<br>NU58DP006757<br>NU58DP006273<br>NU58DP006273 |                                    | 3,779<br>249,809<br>(508)<br>(246)<br>252,834 |
| Department of Health and Human Services  |  |                      | Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement Program   | 93.912                                     | TR145932  |                                    | 237,112                                       |
| Department of Health and Human Services  | University of Iowa   |                      | PPHF Geriatric Education Centers   | 93.969                                     | U1QHP28731  | -                                  | 22,913  |
| Department of Health and Human Services  |  |                      | Mental Health Disaster Assistance and Emergency Mental Health  | 93.982                                     | H79FG000177   | 22,590                             | 41,642  |
| Corporation for National and Community Service   | Kansas Department of Education   |                      | AmeriCorps State Commissions Support Grant   | 94.003                                     | 22CAEKS001  |                                    | 2,703   |
|  |  | Total Federal Awards |  |  |   | \$ 19,178,211                      | \$ 124,300,821                                |

## Notes to the Schedule of Expenditures of Federal Awards Year Ended June 30, 2023

#### Note 1: Basis of Presentation

The accompanying schedule of expenditures of federal awards (the "Schedule") includes the federal award activity of University of Kansas Medical Center Research Institute, Inc. (RI) under programs of the federal government for the year ended June 30, 2023. The information in this Schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of RI, it is not intended to and does not present the financial position, changes in net assets or cash flows of RI.

#### Note 2: Summary of Significant Accounting Policies

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

#### Note 3: Indirect Cost Rate

University of Kansas Medical Center Research Institute, Inc. has elected not to use the 10 percent de minimis indirect cost rate allowed under the Uniform Guidance.



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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

#### **Independent Auditor's Report**

Board of Directors University of Kansas Medical Center Research Institute, Inc. Kansas City, Kansas

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the consolidated financial statements of University of Kansas Medical Center Research Institute, Inc. (RI), which comprise the consolidated statement of financial position as of June 30, 2023, and the related consolidated statements of activities, functional expenses and cash flows for the year then ended, and the related notes to the consolidated financial statements, and have issued our report thereon dated November 9, 2023.

#### Report on Internal Control Over Financial Reporting

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

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

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

Board of Directors University of Kansas Medical Center Research Institute, Inc. Page 2

#### Report on Compliance and Other Matters

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

#### Purpose of this Report

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

FORVIS, LLP

Kansas City, Missouri November 9, 2023



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## Report on Compliance for Each Major Federal Program and Report on Internal Control Over Compliance

#### **Independent Auditor's Report**

Board of Directors University of Kansas Medical Center Research Institute, Inc. Kansas City, Kansas

#### Report on Compliance for Each Major Federal Program

#### Opinion on Each Major Federal Program

We have audited the University of Kansas Medical Center Research Institute, Inc.'s (RI) compliance with the types of compliance requirements identified as subject to audit in the *OMB Compliance Supplement* that could have a direct and material effect on each of RI's major federal programs for the year ended June 30, 2023. RI's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

In our opinion, RI complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2023.

#### Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States (*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 RI and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of RI's compliance with the compliance requirements referred to above.

Board of Directors University of Kansas Medical Center Research Institute, Inc. Page 2

#### 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 RI'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 RI'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 RI's compliance with the requirements of each major federal program as a whole.

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

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and
  design and perform audit procedures responsive to those risks. Such procedures include
  examining, on a test basis, evidence regarding RI'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 RI'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 RI'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.

Board of Directors University of Kansas Medical Center Research Institute, Inc. Page 3

#### **Other Matter**

The results of our auditing procedures disclosed an instance of noncompliance which is required to be reported in accordance with the Uniform Guidance and which is described in the accompanying schedule of findings and questioned costs as item 2023-001. Our opinion on each major federal program is not modified with respect to this matter.

Government Auditing Standards requires the auditor to perform limited procedures on RI's response to the noncompliance findings identified in our audit described in the accompanying schedule of findings and questioned costs. RI's response was not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response. RI is responsible for preparing a corrective action plan to address each audit finding included in our auditor's report. RI's corrective action plan was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on it.

#### **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.

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.

FORVIS, LLP

Kansas City, Missouri November 9, 2023

### Schedule of Findings and Questioned Costs Year Ended June 30, 2023

### Section I – Summary of Auditor's Results

|     | Commolidated | Financial Statements |  |
|-----|--------------|----------------------|--|
| - 1 | 1 msonimiten | rinanciai Naidemenis |  |

| Con | isottaatea 1 manetat Statements   |                                |                                 |                     |  |  |  |  |  |
|-----|---|--------------------------------|---------------------------------|---------------------|--|--|--|--|--|
| 1.  | Type of report the auditor issued on very prepared in accordance with GAAP:  Unmodified Qualified | whether the consolidate        | ed financial statem  Disclaimer | nents audited were  |  |  |  |  |  |
| 2.  | Internal control over financial reporti   | ng:                            |                                 |                     |  |  |  |  |  |
|     | Significant deficiency(ies) identified  | ?                              | Yes                             | None reported       |  |  |  |  |  |
|     | Material weakness(es) identified?   |                                | Yes                             | ⊠ No                |  |  |  |  |  |
| 3.  | Noncompliance material to the consonoted?   | lidated financial stater       | ments Yes                       | ⊠ No                |  |  |  |  |  |
| Fed | ederal Awards   |                                |                                 |                     |  |  |  |  |  |
| 4.  | Internal control over major federal av  | vards programs:                |                                 |                     |  |  |  |  |  |
|     | Significant deficiency(ies) identified  | ?                              | Yes                             | None reported     ■ |  |  |  |  |  |
|     | Material weakness(es) identified?   |                                | Yes                             | ⊠ No                |  |  |  |  |  |
| 5.  | Type of auditor's report issued on complex Unmodified Qualified                                   | mpliance for the major Adverse | federal programs Disclaimer     | :                   |  |  |  |  |  |
| 6.  | Any audit findings disclosed that are CFR 200.516(a)?   | required to be reported        | i by 2 ⊠ Yes                    | □ No                |  |  |  |  |  |
| 7.  | Identification of major federal progra  | ms:                            |                                 |                     |  |  |  |  |  |
|     | Assistance Listing Numbers  | Name of I                      | Federal Progran                 | n or Cluster        |  |  |  |  |  |
|     | Various   |                                | ch and Developme                |                     |  |  |  |  |  |
|     | 93.600  |                                | Head Start Cluste               | er                  |  |  |  |  |  |
|     | 93.493  | Co                             | ongressional Direc              | tives               |  |  |  |  |  |
|     | 11.617  | Congre                         | ssionally Identifie             | d Projects          |  |  |  |  |  |
| 8.  | Dollar threshold used to distinguish between Type A and Type B programs: \$3,000,000.             |                                |                                 |                     |  |  |  |  |  |
| 9.  | Auditee qualified as a low-risk audite  | ee?                            | ∐ Yes                           | ⊠ No                |  |  |  |  |  |

# Schedule of Findings and Questioned Costs (Continued) Year Ended June 30, 2023

### **Section II – Financial Statement Findings**

| Reference |         |  |
|-----------|---------|--|
| Number    | Finding |  |

No matters are reportable.

## Schedule of Findings and Questioned Costs (Continued) Year Ended June 30, 2023

#### Section III - Federal Award Findings and Questioned Costs

| Reference<br>Number |                             | Finding |  |
|---------------------|-----------------------------|---------|--|
| 2023-001            | U.S. Department of Commerce |         |  |

U.S. Department of Commerce Congressionally Identified Projects

Congressionally Identified Projects – 11.617 Award Number - 60NANB22D201

Criteria or Specific Requirement – Cash Management

2 CFR 200.305(b) of the compliance supplement requires organizations receiving federal funds to establish controls and procedures that would minimize the amount of time between drawdowns and disbursement of the funds. As required per the Department of Commerce Financial Assistance Standard Terms and Conditions, Section B, "Financial Requirements", paragraph .02.b1, advanced payments must be limited to immediate cash needs and must time advance payment requests so that Federal funds are on hand for a maximum of 30 calendar days before being disbursed by the non-Federal entity for allowable award costs.

**Condition** – RI requested an advance payment in October 2022 for anticipated expenditures and did not expend all funding within the 30 day period.

Questioned Costs - None noted.

**Context** – We selected one drawdown for \$1,000,000 out of three drawdowns totaling \$3,000,000 during fiscal year 2023 for testing. During our testwork, we noted that a portion of the drawdown was not expended within the 30 day period following the receipt of the drawdown. The sample was not intended to be, and was not a statistically valid sample.

Effect – RI did not comply with the 30 day period required for advanced payments.

Cause – RI had issued purchase orders to vendors prior to advance payment request, but did not receive invoices from vendors for payment within the 30 day period and, as such, did not disburse funding.

**Identification as a Repeat Finding** – Not applicable.

**Recommendation** – We recommend RI only request advance payments up to the amount they are able to disburse within the required time in order to minimize the time elapsing between the receipt and disbursement of federal funds.

#### Views of Responsible Officials and Planned Corrective Actions -

Management agrees with the stated finding and has implemented a corrective action plan.



#### **Corrective Action Plan**

#### Finding Reference 2023-001

#### **Personnel Responsible for Corrective Action:**

Matt Morgan, Assistant Director Sponsored Programs Administration Post-Award

#### **Anticipated Completion Date:**

November 1, 2023

#### Views of Responsible Officials and Planned Corrective Action:

The RI concurs with the finding above and acknowledges that we drew down advance payments to cover encumbered costs rather than paid expenses, which resulted in retaining cash for more than 30 days. This approach was erroneous and did not account for the possibility of encumbrances remaining open for greater than 30 days.

In response to the above issue, we have developed new processes to ensure our cash drawdowns align appropriately to reimburse expenses and prevent cash on hand:

- Rather than accept advance payments, we will use preferred method of reimbursement to draw down funds.
- Training for staff on cash management policy for Department of Commerce and Uniform Guidance
- Assistant Director for SPA Post-Award will review award setup and LOC draw terms to ensure no advance payments are being drawn down.

### Summary Schedule of Prior Audit Findings Year Ended June 30, 2023

Reference
Number Summary of Finding Status

No matters are reportable.