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**Frank Edelblut**
Commissioner

**Christine Brennan**
Deputy Commissioner

**STATE OF NEW HAMPSHIRE**
**DEPARTMENT OF EDUCATION**
**25 Hall Street**
**Concord, N.H. 03301**

June 4, 2024

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

## REQUESTED ACTION

Authorize the New Hampshire Department of Education to enter into a **sole source** contract with the University of Kansas Center for Research, Inc. (KUCR) (VC#253972) Lawrence, Kansas in an amount not to exceed $1,886,500 to utilize the Dynamic Learning Maps assessment program as New Hampshire's alternative state assessment for students with a significant cognitive disability, effective upon Governor and Council approval through June 30, 2029. 100% Federal Funds.

Funds are available in the following account for Fiscal Year 2025 and are anticipated to be available in Fiscal Years 2026, 2027, 2028, and 2029, upon the availability and continued appropriation of funds in the future operating budget with the authority to adjust budget line items within the price limitation and encumbrances between fiscal years through the Budget Office if needed and justified.

06-56-56-562010-25040000-102-500731 IDEA-SPECIAL ED-ELEM/SEC

| Fiscal Year | Class/Account | Class Title | Total Amount |
|---|---|---|---|
| 2025 | 102-500731 | Contracts for Program Services | $377,300 |
| 2026 | 102-500731 | Contracts for Program Services | $377,300 |
| 2027 | 102-500731 | Contracts for Program Services | $377,300 |
| 2028 | 102-500731 | Contracts for Program Services | $377,300 |
| 2029 | 102-500731 | Contracts for Program Services | $377,300 |
| | | Total | $1,886,500 |

**EXPLANATION**

The New Hampshire Department of Education (NHED) is requesting a **sole source** contract because New Hampshire is and continues to be part of the Dynamic Learning Maps multi-state consortium, which allows the NHED to administer an alternative statewide assessment for students with the most significant disabilities at a lower cost than would be available if the state were to develop its own assessment. The Dynamic Learning Maps is utilized by more than 21 states across the country, providing cost efficiencies by spreading the development of the large-scale assessment across all member states, while simultaneously providing custom services for New Hampshire through a New Hampshire specific, public-facing portal.

The Dynamic Learning Maps (DLM) assessment serves as an alternative evaluation method specifically tailored for students with significant cognitive disabilities. It is a strategic approach to assessing the academic progress of students who may face challenges participating in conventional assessments due to the severity of their disabilities.

New Hampshire contracts with the University Kansas Center for Research, Inc. because of several compelling reasons. The assessment is grounded in alternate achievement standards, offering a more fitting framework for students with significant cognitive disabilities. By adopting the DLM assessment, states aim to ensure that these students can effectively showcase their knowledge and skills in a manner that aligns with their unique abilities. The provision of an alternative statewide assessment for special populations is also a federal requirement under the Every Student Succeeds Act (ESSA) and the provisions of the New Hampshire ESSA State Plan.

The DLM assessment distinguishes itself through its incorporation of personalized and dynamic content, accessibility features, and technology-driven adaptability to individual student needs. The NHED recognizes the significance of providing a more accurate and meaningful measure of academic achievement for students with significant cognitive disabilities. By doing so, the NHED strives to foster inclusivity within the assessment and accountability systems, ensuring that every student, regardless of their cognitive challenges, is appropriately represented in the educational evaluation process.

Respectfully submitted,

Frank Edelblut
Commissioner of Education

# STATE OF NEW HAMPSHIRE
**DEPARTMENT OF INFORMATION TECHNOLOGY**
27 Hazen Dr., Concord, NH 03301
Fax: 603-271-1516 TDD Access: 1-800-735-2964
www.nh.gov/doit

**Denis Goulet**
*Commissioner*


February 27, 2024

Frank Edelblut, Commissioner
Department of Education
State of New Hampshire
101 Pleasant Street
Concord, NH 03301

Dear Commissioner Edelblut:

This letter represents formal notification that the Department of Information Technology (DoIT) has approved your agency's request to enter into a contract with the University of Kansas Center for Research, Inc., as described below and referenced as DoIT No. 2024-092.

The purpose of this request is to utilize the Dynamic Learning Maps (DLM) assessment program as New Hampshire's alternative state assessment for students with a significant cognitive disability.

The Total Price Limitation will be $1,886,500, effective upon Governor and Council approval for the period of July 1, 2024 through June 30, 2029.

A copy of this letter must accompany the Department of Education's submission to the Governor and Executive Council for approval.

Sincerely,

Denis Goulet

DG/jd
DoIT #2024-092

cc: Kathy Wood, IT Lead

**FORM NUMBER P-37 (version 2/23/2023)**

Notice: This agreement and all of its attachments shall become public upon submission to Governor and Executive Council for approval. Any information that is private, confidential or proprietary must be clearly identified to the agency and agreed to in writing prior to signing the contract.

**AGREEMENT**

The State of New Hampshire and the Contractor hereby mutually agree as follows:

**GENERAL PROVISIONS**

**1. IDENTIFICATION.**

| | | | |
|---|---|---|---|
| 1.1 State Agency Name<br>New Hampshire Department of Education<br>(NHED) | | 1.2 State Agency Address<br>25 Hall Street<br>Concord, NH 03301 | |
| 1.3 Contractor Name<br>University of Kansas Center for Research, Inc.<br>(KUCR) | | 1.4 Contractor Address<br>2385 Irving Hill Road<br>Lawrence, KS 66045 | |
| 1.5 Contractor Phone Number<br>785-864-3441 | 1.6 Account Unit and Class<br>See Exhibit C | 1.7 Completion Date<br>June 30, 2029 | 1.8 Price Limitation<br>$1,886,500 |
| 1.9 Contracting Officer for State Agency<br>Nathaniel Greene, Administrator | | 1.10 State Agency Telephone Number<br>603-271-6556 | |
| 1.11 Contractor Signature<br>Alicia M Reed<br>Date: 03/28/24 | | 1.12 Name and Title of Contractor Signatory<br>Alicia Reed, Director, Research Administration | |
| 1.13 State Agency Signature<br>Frank Edelblut<br>Date: 6/10/2024 | | 1.14 Name and Title of State Agency Signatory<br>Frank Edelblut, Commissioner of Education | |
| 1.15 Approval by the N.H. Department of Administration, Division of Personnel *(if applicable)*<br>By: | | Director, On: | |
| 1.16 Approval by the Attorney General (Form, Substance and Execution) *(if applicable)*<br>By: Elizabeth Brown, Attorney<br>Elizabeth A Brown | | On: 6/10/2024 | |
| 1.17 Approval by the Governor and Executive Council *(if applicable)*<br>G&C Item number: | | G&C Meeting Date: | |

Contractor Initials: AMR

**2. SERVICES TO BE PERFORMED.** The State of New Hampshire, acting through the agency identified in block 1.1 ("State"), engages contractor identified in block 1.3 ("Contractor") to perform, and the Contractor shall perform, the work or sale of goods, or both, identified and more particularly described in the attached EXHIBIT B which is incorporated herein by reference ("Services").

**3. EFFECTIVE DATE/COMPLETION OF SERVICES.**

3.1 Notwithstanding any provision of this Agreement to the contrary, and subject to the approval of the Governor and Executive Council of the State of New Hampshire, if applicable, this Agreement, and all obligations of the parties hereunder, shall become effective on the date the Governor and Executive Council approve this Agreement, unless no such approval is required, in which case the Agreement shall become effective on the date the Agreement is signed by the State Agency as shown in block 1.13 ("Effective Date").

3.2 If the Contractor commences the Services prior to the Effective Date, all Services performed by the Contractor prior to the Effective Date shall be performed at the sole risk of the Contractor, and in the event that this Agreement does not become effective, the State shall have no liability to the Contractor, including without limitation, any obligation to pay the Contractor for any costs incurred or Services performed.

3.3 Contractor must complete all Services by the Completion Date specified in block 1.7.

**4. CONDITIONAL NATURE OF AGREEMENT.**

Notwithstanding any provision of this Agreement to the contrary, all obligations of the State hereunder, including, without limitation, the continuance of payments hereunder, are contingent upon the availability and continued appropriation of funds. In no event shall the State be liable for any payments hereunder in excess of such available appropriated funds. In the event of a reduction or termination of appropriated funds by any state or federal legislative or executive action that reduces, eliminates or otherwise modifies the appropriation or availability of funding for this Agreement and the Scope for Services provided in EXHIBIT B, in whole or in part, the State shall have the right to withhold payment until such funds become available, if ever, and shall have the right to reduce or terminate the Services under this Agreement immediately upon giving the Contractor notice of such reduction or termination. The State shall not be required to transfer funds from any other account or source to the Account identified in block 1.6 in the event funds in that Account are reduced or unavailable.

**5. CONTRACT PRICE/PRICE LIMITATION/ PAYMENT.**

5.1 The contract price, method of payment, and terms of payment are identified and more particularly described in EXHIBIT C which is incorporated herein by reference.

5.2 Notwithstanding any provision in this Agreement to the contrary, and notwithstanding unexpected circumstances, in no event shall the total of all payments authorized, or actually made hereunder, exceed the Price Limitation set forth in block 1.8. The payment by the State of the contract price shall be the only and the complete reimbursement to the Contractor for all expenses, of whatever nature incurred by the Contractor in the performance hereof, and shall be the only and the complete compensation to the Contractor for the Services.

5.3 The State reserves the right to offset from any amounts otherwise payable to the Contractor under this Agreement those liquidated amounts required or permitted by N.H. RSA 80:7 through RSA 80:7-c or any other provision of law.

5.4 The State's liability under this Agreement shall be limited to monetary damages not to exceed the total fees paid. The Contractor agrees that it has an adequate remedy at law for any breach of this Agreement by the State and hereby waives any right to specific performance or other equitable remedies against the State.

**6. COMPLIANCE BY CONTRACTOR WITH LAWS AND REGULATIONS/EQUAL EMPLOYMENT OPPORTUNITY.**

6.1 In connection with the performance of the Services, the Contractor shall comply with all applicable statutes, laws, regulations, and orders of federal, state, county or municipal authorities which impose any obligation or duty upon the Contractor, including, but not limited to, civil rights and equal employment opportunity laws and the Governor's order on Respect and Civility in the Workplace, Executive order 2020-01. In addition, if this Agreement is funded in any part by monies of the United States, the Contractor shall comply with all federal executive orders, rules, regulations and statutes, and with any rules, regulations and guidelines as the State or the United States issue to implement these regulations. The Contractor shall also comply with all applicable intellectual property laws.

6.2 During the term of this Agreement, the Contractor shall not discriminate against employees or applicants for employment because of age, sex, sexual orientation, race, color, marital status, physical or mental disability, religious creed, national origin, gender identity, or gender expression, and will take affirmative action to prevent such discrimination, unless exempt by state or federal law. The Contractor shall ensure any subcontractors comply with these nondiscrimination requirements.

6.3 No payments or transfers of value by Contractor or its representatives in connection with this Agreement have or shall be made which have the purpose or effect of public or commercial bribery, or acceptance of or acquiescence in extortion, kickbacks, or other unlawful or improper means of obtaining business.

6.4. The Contractor agrees to permit the State or United States access to any of the Contractor's books, records and accounts for the purpose of ascertaining compliance with this Agreement and all rules, regulations and orders pertaining to the covenants, terms and conditions of this Agreement.

**7. PERSONNEL.**

7.1 The Contractor shall at its own expense provide all personnel necessary to perform the Services. The Contractor warrants that all personnel engaged in the Services shall be qualified to perform the Services, and shall be properly licensed and otherwise authorized to do so under all applicable laws.

7.2 The Contracting Officer specified in block 1.9, or any successor, shall be the State's point of contact pertaining to this Agreement.

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Contractor Initials: AMR

**8. EVENT OF DEFAULT/REMEDIES.**

8.1 Any one or more of the following acts or omissions of the Contractor shall constitute an event of default hereunder ("Event of Default"):

8.1.1 failure to perform the Services satisfactorily or on schedule;

8.1.2 failure to submit any report required hereunder; and/or

8.1.3 failure to perform any other covenant, term or condition of this Agreement.

8.2 Upon the occurrence of any Event of Default, the State may take any one, or more, or all, of the following actions:

8.2.1 give the Contractor a written notice specifying the Event of Default and requiring it to be remedied within, in the absence of a greater or lesser specification of time, thirty (30) calendar days from the date of the notice; and if the Event of Default is not timely cured, terminate this Agreement, effective two (2) calendar days after giving the Contractor notice of termination;

8.2.2 give the Contractor a written notice specifying the Event of Default and suspending all payments to be made under this Agreement and ordering that the portion of the contract price which would otherwise accrue to the Contractor during the period from the date of such notice until such time as the State determines that the Contractor has cured the Event of Default shall never be paid to the Contractor;

8.2.3 give the Contractor a written notice specifying the Event of Default and set off against any other obligations the State may owe to the Contractor any damages the State suffers by reason of any Event of Default; and/or

8.2.4 give the Contractor a written notice specifying the Event of Default, treat the Agreement as breached, terminate the Agreement and pursue any of its remedies at law or in equity, or both.

**9. TERMINATION.**

9.1 Notwithstanding paragraph 8, the State may, at its sole discretion, terminate the Agreement for any reason, in whole or in part, by thirty (30) calendar days written notice to the Contractor that the State is exercising its option to terminate the Agreement.

9.2 In the event of an early termination of this Agreement for any reason other than the completion of the Services, the Contractor shall, at the State's discretion, deliver to the Contracting Officer, not later than fifteen (15) calendar days after the date of termination, a report ("Termination Report") describing in detail all Services performed, and the contract price earned, to and including the date of termination. In addition, at the State's discretion, the Contractor shall, within fifteen (15) calendar days of notice of early termination, develop and submit to the State a transition plan for Services under the Agreement.

**10. PROPERTY OWNERSHIP/DISCLOSURE.**

10.1 As used in this Agreement, the word "Property" shall mean all data, information and things developed or obtained during the performance of, or acquired or developed by reason of, this Agreement, including, but not limited to, all studies, reports, files, formulae, surveys, maps, charts, sound recordings, video recordings, pictorial reproductions, drawings, analyses, graphic representations, computer programs, computer printouts, notes, letters, memoranda, papers, and documents, all whether finished or unfinished.

10.2 All data and any Property which has been received from the State, or purchased with funds provided for that purpose under this Agreement, shall be the property of the State, and shall be returned to the State upon demand or upon termination of this Agreement for any reason.

10.3 Disclosure of data, information and other records shall be governed by N.H. RSA chapter 91-A and/or other applicable law. Disclosure requires prior written approval of the State.

**11. CONTRACTOR'S RELATION TO THE STATE.** In the performance of this Agreement the Contractor is in all respects an independent contractor, and is neither an agent nor an employee of the State. Neither the Contractor nor any of its officers, employees, agents or members shall have authority to bind the State or receive any benefits, workers' compensation or other emoluments provided by the State to its employees.

**12. ASSIGNMENT/DELEGATION/SUBCONTRACTS.**

12.1 Contractor shall provide the State written notice at least fifteen (15) calendar days before any proposed assignment, delegation, or other transfer of any interest in this Agreement. No such assignment, delegation, or other transfer shall be effective without the written consent of the State.

12.2 For purposes of paragraph 12, a Change of Control shall constitute assignment. "Change of Control" means (a) merger, consolidation, or a transaction or series of related transactions in which a third party, together with its affiliates, becomes the direct or indirect owner of fifty percent (50%) or more of the voting shares or similar equity interests, or combined voting power of the Contractor, or (b) the sale of all or substantially all of the assets of the Contractor.

12.3 None of the Services shall be subcontracted by the Contractor without prior written notice and consent of the State.

12.4 The State is entitled to copies of all subcontracts and assignment agreements and shall not be bound by any provisions contained in a subcontract or an assignment agreement to which it is not a party.

**13. INDEMNIFICATION.** The Contractor shall indemnify, defend, and hold harmless the State, its officers, and employees from and against all actions, claims, damages, demands, judgments, fines, liabilities, losses, and other expenses, including, without limitation, reasonable attorneys' fees, arising out of or relating to this Agreement directly or indirectly arising from death, personal injury, property damage, intellectual property infringement, or other claims asserted against the State, its officers, or employees caused by the acts or omissions of negligence, reckless or willful misconduct, or fraud by the Contractor, its employees, agents, or subcontractors. The State shall not be liable for any costs incurred by the Contractor arising under this paragraph 13. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the State's sovereign immunity, which immunity is hereby reserved to the State. This covenant in paragraph 13 shall survive the termination of this Agreement.

**14. INSURANCE.**

14.1 The Contractor shall, at its sole expense, obtain and continuously maintain in force, and shall require any subcontractor or assignee to obtain and maintain in force, the following insurance:

14.1.1 commercial general liability insurance against all claims of bodily injury, death or property damage, in amounts of not less than $1,000,000 per occurrence and $2,000,000 aggregate or excess; and

14.1.2 special cause of loss coverage form covering all Property subject to subparagraph 10.2 herein, in an amount not less than 80% of the whole replacement value of the Property.

14.2 The policies described in subparagraph 14.1 herein shall be on policy forms and endorsements approved for use in the State of New Hampshire by the N.H. Department of Insurance, and issued by insurers licensed in the State of New Hampshire.

14.3 The Contractor shall furnish to the Contracting Officer identified in block 1.9, or any successor, a certificate(s) of insurance for all insurance required under this Agreement. At the request of the Contracting Officer, or any successor, the Contractor shall provide certificate(s) of insurance for all renewal(s) of insurance required under this Agreement. The certificate(s) of insurance and any renewals thereof shall be attached and are incorporated herein by reference.

**15. WORKERS' COMPENSATION.**

15.1 By signing this agreement, the Contractor agrees, certifies and warrants that the Contractor is in compliance with or exempt from, the requirements of N.H. RSA chapter 281-A *("Workers' Compensation")*.

15.2 To the extent the Contractor is subject to the requirements of N.H. RSA chapter 281-A, Contractor shall maintain, and require any subcontractor or assignee to secure and maintain, payment of Workers' Compensation in connection with activities which the person proposes to undertake pursuant to this Agreement. The Contractor shall furnish the Contracting Officer identified in block 1.9, or any successor, proof of Workers' Compensation in the manner described in N.H. RSA chapter 281-A and any applicable renewal(s) thereof, which shall be attached and are incorporated herein by reference. The State shall not be responsible for payment of any Workers' Compensation premiums or for any other claim or benefit for Contractor, or any subcontractor or employee of Contractor, which might arise under applicable State of New Hampshire Workers' Compensation laws in connection with the performance of the Services under this Agreement.

**16. WAIVER OF BREACH.** A State's failure to enforce its rights with respect to any single or continuing breach of this Agreement shall not act as a waiver of the right of the State to later enforce any such rights or to enforce any other or any subsequent breach.

**17. NOTICE.** Any notice by a party hereto to the other party shall be deemed to have been duly delivered or given at the time of mailing by certified mail, postage prepaid, in a United States Post Office addressed to the parties at the addresses given in blocks 1.2 and 1.4, herein.

**18. AMENDMENT.** This Agreement may be amended, waived or discharged only by an instrument in writing signed by the parties hereto and only after approval of such amendment, waiver or discharge by the Governor and Executive Council of the State of New Hampshire unless no such approval is required under the circumstances pursuant to State law, rule or policy.

**19. CHOICE OF LAW AND FORUM.**

19.1 This Agreement shall be governed, interpreted and construed in accordance with the laws of the State of New Hampshire except where the Federal supremacy clause requires otherwise. The wording used in this Agreement is the wording chosen by the parties to express their mutual intent, and no rule of construction shall be applied against or in favor of any party.

19.2 Any actions arising out of this Agreement, including the breach or alleged breach thereof, may not be submitted to binding arbitration, but must, instead, be brought and maintained in the Merrimack County Superior Court of New Hampshire which shall have exclusive jurisdiction thereof.

**20. CONFLICTING TERMS.** In the event of a conflict between the terms of this P-37 form (as modified in EXHIBIT A) and any other portion of this Agreement including any attachments thereto, the terms of the P-37 (as modified in EXHIBIT A) shall control.

**21. THIRD PARTIES.** This Agreement is being entered into for the sole benefit of the parties hereto, and nothing herein, express or implied, is intended to or will confer any legal or equitable right, benefit, or remedy of any nature upon any other person.

**22. HEADINGS.** The headings throughout the Agreement are for reference purposes only, and the words contained therein shall in no way be held to explain, modify, amplify or aid in the interpretation, construction or meaning of the provisions of this Agreement.

**23. SPECIAL PROVISIONS.** Additional or modifying provisions set forth in the attached EXHIBIT A are incorporated herein by reference.

**24. FURTHER ASSURANCES.** The Contractor, along with its agents and affiliates, shall, at its own cost and expense, execute any additional documents and take such further actions as may be reasonably required to carry out the provisions of this Agreement and give effect to the transactions contemplated hereby.

**25. SEVERABILITY.** In the event any of the provisions of this Agreement are held by a court of competent jurisdiction to be contrary to any state or federal law, the remaining provisions of this Agreement will remain in full force and effect.

**26. ENTIRE AGREEMENT.** This Agreement, which may be executed in a number of counterparts, each of which shall be deemed an original, constitutes the entire agreement and understanding between the parties, and supersedes all prior agreements and understandings with respect to the subject matter hereof.

AMR

Contractor Initials: AMR

## EXHIBIT A
## Special Provisions

Additional Exhibits D-K
Schedule A (Dynamic Learning Maps Governance)
Appendix A (Dynamic Learning Maps Data Elements)
Appendix B (Dynamic Learning Maps Trademarks)

The terms outlined in the P-37 General Provisions are modified as set forth below:

**A.1 Provision 9, Termination, Section 9.2 is deleted and replaced with the following:**

**9.1** Notwithstanding paragraph 8, either party may, at its sole discretion, terminate the Agreement for any reason, in whole or in part, by thirty (30) calendar days written notice to the other party that the terminating party is exercising its option to terminate the Agreement.

**9.2** In the event of the termination pursuant to subparagraph 9.1, the contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. The State will pay for cost of all Services and Deliverables for which Acceptance has been given by the State, provided through the date of termination but will not be liable for any costs for incomplete Services or winding down the Contract activities. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided.

**9.3** Upon termination of the Contract, the State, in addition to any other rights provided in the Contract, may require Contractor to deliver to the State any property, including without limitation, Software and Written Deliverables, for such part of the Contract as has been terminated. After receipt of a notice of termination, and except as otherwise directed by the State, Contractor shall:

- **a.** Stop work under the Contract on the date, and to the extent specified, in the notice;
- **b.** Promptly, but in no event longer than ten (10) days after termination, terminate its orders and subcontracts related to the work which has been terminated, and settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts, with the approval or ratification of the State to the extent required, which approval or ratification shall be final for the purpose of this Section;
- **c.** Take such action as the State directs, or as necessary to preserve and protect the property related to the Contract which is in the possession of Contractor and in which the State has an interest;
- **d.** Take no action to intentionally erase any State data until directed by the State;
- **e.** Transfer title to the State and deliver in the manner, at the times, and to the extent directed by the State, any property which is required to be furnished to the State and which has been accepted or requested by the State;
- **f.** Implement an orderly return of State data in a CSV or another mutually agreeable format at a time agreed to by the parties;
- **g.** Securely dispose/destroy of all requested data in all of its forms, such as disk, CD / DVD, backup tape and paper, when requested by the State. Data shall be permanently deleted and shall not be recoverable, according to National Institute of Standards and Technology (NIST)-Special Publication (SP) 800-88 approved methods. Certificates of destruction shall be provided to the State; and
- **h.** Provide written Certification to the State that Contractor has surrendered to the State all said property and after 180 days has erased all State data.

**9.4** If the Contract has expired, or terminated prior to the Completion Date, for any reason, the Contractor shall provide, for a period up to ninety (90) days after the expiration or termination, all reasonable transition services requested by the State, at no additional cost, to allow for the expired or terminated portion of the Services to continue without interruption or adverse effect, and to facilitate the orderly transfer of such Services to the State or its designees ("Transition Services").

**9.5** This covenant in paragraph 9 shall survive the termination of this Contract.

**A.2 Provision 10, Property Ownership/Disclosure, is updated with the following addition:**

**10.4** In performing its obligations under this Agreement, Contractor may gain access to Confidential Information. The Contractor shall not use the Confidential Information developed or obtained during the performance of, or acquired, or developed by reason of the Agreement, except as directly connected to and necessary for the performance of the Agreement. Contractor shall maintain the confidentiality of and protect from unauthorized use, disclosure, publication, and reproduction (collectively "release"), all Confidential Information.

**10.4.1** In the event of the unauthorized release of Confidential Information, Contractor shall immediately notify the State's Chief Information Security Officer, and the State may immediately be entitled to pursue any remedy at law and in equity, including, but not limited to, injunctive relief.

**10.5** Subject to applicable federal or State laws and regulations, Confidential Information shall not include information which:

**a.** shall have otherwise become publicly available other than as a result of disclosure by the receiving Party in breach hereof;

**b.** was disclosed to the receiving Party on a non-confidential basis from a source other than the disclosing Party, which the receiving Party believes is not prohibited from disclosing such information as a result of an obligation in favor of the disclosing Party;

**c.** is developed by the receiving Party independently of, or was known by the receiving Party prior to, any disclosure of such information made by the disclosing Party; or

**d.** is disclosed with the written consent of the disclosing Party.

**10.6** A receiving Party also may disclose the disclosing Party's Confidential Information to the extent required by law or an order of a court of competent jurisdiction. Any disclosure of the Confidential Information shall require the prior written approval of the State. Contractor shall immediately notify the State if any request, subpoena or other legal process is served upon Contractor regarding the Confidential Information, and Contractor shall cooperate with the State in any effort the State undertakes to contest the request, subpoena or other legal process, at no additional cost to the State.

**10.7** Contractor Confidential Information. Contractor shall clearly identify in writing all information it claims to be confidential or proprietary upon providing such information to the State. For the purposes of complying with its legal obligations, the State is under no obligation to accept the Contractor's designation of material as confidential. Contractor acknowledges that the State is subject to State and federal laws governing disclosure of information including, but not limited to, RSA Chapter 91-A. In the event the State receives a request for the information identified by Contractor as confidential, the State shall notify Contractor and specify the date the State will be releasing the requested information. At the request of the State, Contractor shall cooperate and assist the State

with the collection and review of Contractor's information, at no additional expense to the State. Any effort to prohibit or enjoin the release of the information shall be Contractor's sole responsibility and at Contractor's sole expense. If Contractor fails to obtain a court order enjoining the disclosure, the State shall release the information on the date specified in the State's notice to Contractor, without any liability to the State.

**10.8** This covenant in paragraph 10 shall survive the termination of this Contract.

**A.3 Provision 12, Assignment/Delegation/Subcontracts, is updated with the following addition:**

**12.5** In the event that Contractor should change ownership for any reason whatsoever that results in a change of control of the Contractor, the State shall have the option of:

**a.** continuing under the Agreement with Contractor, its successors or assigns for the full remaining Term of the Agreement or for such period of time as determined necessary by the State;

**b.** immediately terminate the Agreement without liability to or further compensation owed to Contractor, its successors or assigns.

**A.4 Provision 13, Indemnification, subparagraph 13 is deleted and replaced with the following:**

**13.** Except as limited by applicable state law, the contractor shall indemnify, defend, and hold harmless the State, its officers, and employees from and against all actions, claims, damages, demands, judgments, fines, liabilities, losses, and other expenses, including, without limitation, reasonable attorneys' fees, arising out of or relating to this Agreement directly or indirectly arising from death, personal injury, property damage, intellectual property infringement, or other claims asserted against the State, its officers, or employees caused by the acts or omissions of negligence, reckless or willful misconduct, or fraud by the Contractor, its employees, agents, or subcontractors. The State shall not be liable for any costs incurred by the Contractor arising under this paragraph 13. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the State's sovereign immunity, which immunity is hereby reserved to the State. This covenant in paragraph 13 shall survive the termination of this Agreement.

**A.5 Provision 14, Insurance, is updated with the following addition:**

**14.4** The Contractor certifies that project personnel working under this contract are University of Kansas employees, and therefore State of Kansas employees. Under the Kansas Tort Claims Act, K.S.A. 75-6101 et seq. ("Act"), the State of Kansas has assumed liability for the negligent or wrongful acts and omissions of its employees and agents acting within the scope of their responsibilities, as outlined in the Act. The Contractor will remain covered under the Act for the duration of the contract. Additionally, the state of Kansas is required to indemnify its employees against damages for injury or damages proximately caused by the employee's acts or omissions in accordance with the Act.

**A.6 Provision 15, Worker's Compensation, Section 15.1 is deleted and replaced with the following:**

**15.1** By signing this agreement, the Contractor certifies and agrees that the Contractor is covered by the terms of the State of Kansas Workers Compensation Act, K.S.A. 44-501.

**A.7 Provision 19, Choice Of Law And Forum, is deleted and replaced with the following:**

**19.** Reserved.

**EXHIBIT B**
**Scope of Work**

**STATEMENT AND PERFORMANCE OF WORK**
**RELATED TO 2024-2025**
**ENGLISH LANGUAGE ARTS AND MATHEMATICS**
**DLM ALTERNATE ASSESSMENT ADMINISTRATION**

The University of Kansas Center for Research, Inc. (KUCR), through the University of Kansas Assessment and Achievement Institute (AAI), shall provide the professional services listed below. The professional services set forth below shall be performed: (i) using the requisite degree of skill, care and diligence; and (ii) will be reasonably accurate in accordance with accepted professional testing standards. This statement of work applies to all tests that are under operational administration including instructionally embedded assessments.

1. **Dynamic Learning Maps English Language Arts and Mathematics Alternate Assessment Training and Support Services**

    a. AAI will annually update and make available required training modules for Dynamic Learning Maps (DLM) English language arts and mathematics test administrators in self-directed and facilitated formats. Modules will be hosted by AAI.

    b. AAI will annually update and deliver consortium-level training sessions for district-level staff who support English language arts and mathematics DLM implementation.

    c. AAI will annually update and make available manuals and supporting materials for DLM English language arts and mathematics test administrators and individuals in district support roles (e.g., assessment coordinators) to provide for a valid, reliable, and standard administration of the DLM English language arts and mathematics alternate assessment.

    d. AAI will provide a toll-free telephone number for state educators to have access to a service desk between the hours of 7:00 am and 6:00 pm Central Time Monday through Friday during the DLM End-of-Year test window and between 8:00 am and 5:00 pm Central Time at other times of the year (except National Holidays and December 26 through January 1). Tier 1 support will provide a response or resolution back to the originating caller within 24 hours. Tier 2 help desk support will trouble shoot problems not solvable by Tier 1 support. Tier 2 support will be available 8:00 am to 5:00 pm Central Time Monday through Friday (except National Holidays and December 26 through January 1).

2. **DLM English Language Arts and Mathematics Alternate Assessment Preparation Services**

    a. AAI will provide online access to allow local educators to input First Contact survey and Personal Needs and Preferences information needed to provide necessary accessibility supports and determine determining appropriate initial placement into the DLM English language arts and mathematics assessments.

    b. AAI will provide practice activities and released testlets that may be accessed in Kite® system to allow students and educators to become familiar with the English language arts and mathematics assessments. A minimum of one new testlet per grade will be added each year.

    c. AAI will provide a file format to State to allow State to provide a school system hierarchy that AAI will enter into the Kite® system. State provides a single

organizational file annually to AAI for registration of districts and schools to set up the Kite® system.

d. AAI will provide functionality and supporting materials for centralized or distributed (State Education Agency (SEA), Local Education Agency (LEA), or school) data load into the Kite® system, including student names and appropriate demographic information, educator accounts, and rosters. AAI will ensure appropriate Family Educational Rights and Privacy Act (FERPA) safeguards on all student data including authenticated user access.

e. AAI will provide functionality and supporting materials for state/district management and access to update student and educator records during the year.

3. **DLM English Language Arts and Mathematics Alternate Assessment Administration Services**

a. AAI will deliver instructionally embedded assessments for English language arts and mathematics in grades 3-8 and high school (optional for year-end states).

b. AAI will deliver spring adaptive English language arts and mathematics in grades 3-8 and high school.

c. AAI will support state selection of its own spring English language arts and mathematics testing window within the standard consortium wide window.

d. AAI will make available built-in accessibility features for use during assessment and deliver alternate forms as needed for accessibility via the Kite® system

e. AAI will provide state and district staff with access to on-demand data extracts that may be used to guide local data management and assessment preparation and monitoring.

f. AAI will provide general project support (equivalent to approximately 10 days of staff time for the period of the contract) for state-level implementation of the DLM English language arts and mathematics assessment system, including: A designated main point of contact for state level DLM policy and implementation questions; and Email/Phone consultation (e.g., consult on state training and communication plans, consult and provide feedback on state developed materials and training, consult on capacity building for state to support local implementation).

4. **DLM English Language Arts and Mathematics Alternate Assessment Kite® System Services**

   a. AAI will provide educators with an interface to manage DLM assessments, including assignment of instructionally embedded assessments and access to information about testlets.

   b. AAI will provide the Kite® system assessment administration platform and ongoing maintenance of the Kite® system assessment administration platform.

   c. Seeking advice from the consortium Governance Board, AAI will prioritize and implement Kite® system enhancements to support the DLM English language arts and mathematics system on at least an annual basis.

5. **DLM English Language Arts and Mathematics Alternate Assessment Professional Development Services**

   a. AAI will provide professional development modules that addresses general components of the DLM System (e.g., Claims and Conceptual Areas, DLM Essential Elements) and instructional practices (e.g., Universal Design for Learning, Principles of Instruction in English Language Arts, Unitizing, and Counting and Cardinality), to support instruction aligned with the DLM Alternate Assessment (DLM AA). Modules will be available in Self-Directed format, available 24 hours a day, 7 days per week to educators through an on-line portal accessed via the DLM website, and in Facilitated format for use in face-to-face training or as part of local professional learning communities.

   b. Seeking advice from the DLM Governance Board, AAI will prioritize and create new and enhance existing English language arts and mathematics professional learning modules.

   c. AAI will provide SEA with monthly reports regarding educator completion of Self-Directed versions of professional learning modules.

   d. AAI, through the use of websites, interactive learning opportunities, and social media, will support educators working with students with the most significant cognitive disabilities in the DLM Consortium by designing, hosting and publicizing trainings and classroom supports including familiar texts, sample lesson plans, writing tools, and other instructional resources.

6. **DLM English Language Arts and Mathematics Alternate Assessment Psychometric Services**

   a. AAI will produce an annual update to the consortium-wide English language arts and mathematics technical manual.

   b. AAI will fund four meetings per year of the DLM Consortium Technical Advisory Committee to advise on the design and delivery of the English language arts and mathematics alternate assessment system.

   c. AAI will conduct, present, and publish studies documenting the technical quality of the DLM English language arts and mathematics assessments including policy and instructional implications. Results will be used to guide English language arts and mathematics assessment system and Kite® system improvement.

   d. AAI will organize documentation to support United States Education Department (USED) peer review requirements and will facilitate all non-state specific peer review efforts.

7. **DLM English Language Arts and Mathematics Alternate Assessment Scoring and Reporting Services**

   a. AAI will produce Portable Document Format (PDF) files containing student, class, school, and district English language arts and mathematics reports that may be accessed and printed by the appropriate local education agency or its designee. Report files will be packaged by student school and district for electronic distribution.

   b. AAI will produce a PDF file with a state level report on English language arts and mathematics results that State-authorized SEA representatives may access and print.

   c. AAI will provide the SEA with an electronic data file in Comma Separated Values (CSV) format containing all student results, performance levels, and information indicating the student, classroom, teacher, school, and district for each content area tested and any other data in the DLM database required for accountability reporting.

   d. AAI will provide facility within the Kite® system to allow teachers to look at the results of the DLM English language arts and mathematics instructionally embedded assessment.

**EXHIBIT B**
**Scope of Work**
**Continued**

**STATEMENT AND PERFORMANCE OF WORK**
**RELATED TO 2024-2025**
**ENGLISH LANGUAGE ARTS AND MATHEMATICS**
**DLM ALTERNATE ASSESSMENT CONSORTIUM SERVICES**

University of Kansas Center for Research, Inc. (KUCR), through the University of Kansas Achievement and Assessment Institute (AAI) shall provide the professional services listed below. The professional services set forth below shall be performed: (i) using the requisite degree of skill, care and diligence; and (ii) will be reasonably accurate in accordance with accepted professional testing standards. This statement of work applies to all tests that are under operational administration including instructionally embedded assessments.

1. **DLM English Language Arts and Mathematics Alternate Assessment Consortium Services**
    a. AAI will host face-to-face governance board meetings twice per year and cover the cost of attendance for two representatives per state.
    b. AAI will host virtual governance partner calls up to once per month and convene ad-hoc committee meetings as needed.
    c. AAI will provide states with access to DLM Technical Advisory Committee (TAC) meetings where states may virtually attend and observe the meeting.
    d. AAI will provide governance board members with the opportunity to review and provide feedback on draft consortium training resources, manuals, and reports.
    e. AAI will host, maintain and enhance the DLM web site, including state-specific pages with contents to support implementation of DLM English language arts and mathematics assessments.
    f. AAI will make one site visit per year (e.g., state level training on implementation, meeting with state representatives, state TAC meeting participation, and/or stakeholders to provide DLM-specific information).
2. **DLM English Language Arts and Mathematics Alternate Assessment Content and Standards Services**
    a. AAI will maintain and make available the DLM English language arts and mathematics Essential Elements. AAI will keep track of any recommendations for changes to the Essential Elements. At any time, the English language arts and mathematics Governance Board can vote to revise and reissue the Essential Elements, with any such motion including a schedule for implementation to allow the following: Time to revise the learning map neighborhoods, Essential Element Concept Maps, and testlets; time for educators to familiarize themselves with any changes; and time for states to adopt the revised DLM English language arts and mathematics Essential Elements.

3. **DLM English Language Arts and Mathematics Alternate Assessment Development Services**

   a. AAI, with input from the English language arts and mathematics consortium governance board, will create an annual test development plan that is presented to the consortium governance board each July including accessible alternate forms as needed.

   b. AAI will annually complete all English language arts and mathematics test development processes including internal, external, and editorial reviews; field testing; and preparation for operational delivery including accessibility tagging and quality control procedures.

**EXHIBIT B**
**Scope of Work**
**Continued**

**STATEMENT AND PERFORMANCE OF WORK**
**RELATED TO 2024-2025**
**SCIENCE DLM-AA ADMINISTRATION**

The University of Kansas Center for Research, Inc. (KUCR), through the University of Kansas Achievement and Assessment Institute (AAI) shall provide the professional services listed below. The professional services set forth below shall be performed: (i) using the requisite degree of skill, care and diligence; and (ii) will be reasonably accurate in accordance with accepted professional testing standards. This statement of work applies to all tests that are under operational administration including instructionally embedded assessments.

1. **DLM Science Alternate Assessment Training and Support Services**

   a. AAI will annually update and make available required training modules for DLM Science test administrators in self-directed and facilitated formats. Modules will be hosted by AAI.

   b. AAI will annually update and deliver consortium-level training sessions for district-level staff who support science DLM implementation.

   c. AAI will annually update and make available manuals and supporting materials for DLM science test administrators and individuals in district support roles (e.g., assessment coordinators).

   d. AAI will provide a toll-free telephone number for state educators to have access to a service desk between the hours of 7:00 am and 6:00 pm Central Time Monday through Friday during the DLM End-of-Year test window and between 8:00 am and 5:00 pm Central Time at other times of the year (except National Holidays and December 26 through January 1). Tier 1 support will provide a response or resolution back to the originating caller within 24 hours. Tier 2 help desk support will trouble shoot problems not solvable by Tier 1 support. Tier 2 support will be available 8:00 am to 5:00 pm Central Time Monday through Friday (except national holidays and December 26 through January 1).

2. **DLM Science Alternate Assessment Preparation Services**

   a. AAI will provide online access to allow local educators to input First Contact survey and Personal Needs and Preferences information needed to provide necessary accessibility supports and determine determining appropriate initial placement into the DLM Science Assessments.

   b. AAI will provide practice activities and released testlets that may be accessed in Kite® system to allow students and educators to become familiar with the science assessments. A minimum of one new testlet per grade span will be added each year.

   c. AAI will provide a file format to State to allow State to provide a school system hierarchy that AAI will enter into the Kite® system. State provides a single organizational file annually to AAI for registration of districts and schools to set up the Kite® system.

   d. AAI will provide functionality and supporting materials for centralized or distributed (State Education Agency (SEA), Local Education Agency (LEA), or school) data load into the Kite® system, including student names and appropriate demographic information, educator accounts, and rosters. AAI will ensure appropriate Family Educational Rights and Privacy Act (FERPA) safeguards on all student data including authenticated user access.

e. AAI will provide functionality and supporting materials for state/district management and access to update student and educator records during the year.

3. **DLM Science Alternate Assessment Administration Services**

a. AAI will deliver instructionally embedded assessments for science in elementary, middle, and high school.

b. AAI will deliver spring adaptive science assessments in grade bands (3-5, 6-8, and high school).

c. AAI will support state selection of its own spring science testing window within the standard consortium wide window.

d. AAI will make available built-in accessibility features for use during assessment and deliver alternate forms as needed for accessibility via the Kite® system.

e. AAI will provide state and district staff with access to on-demand data extracts that may be used to guide local data management and assessment preparation and monitoring.

f. AAI will provide general project support (equivalent to approximately 10 days of staff time for the period of the contract) for state-level implementation of the DLM science assessment system, including: A designated main point of contact for state level DLM policy and implementation questions; and email/phone consultation (e.g., consult on state training and communication plans, consult and provide feedback on state developed materials and training, consult on capacity building for state to support local implementation).

4. **DLM Science Alternate Assessment Kite® System Services**

a. AAI will provide educators with an interface to manage DLM assessments, including assignment of instructionally embedded assessments and access to information about testlets.

b. AAI will provide the Kite® system assessment administration platform and ongoing maintenance of the Kite® system assessment administration platform.

c. Seeking advice from the Science Governance Board, AAI will prioritize and implement Kite® system enhancements to support the DLM science system on at least an annual basis.

5. **DLM Science Alternate Assessment Professional Development Services**

a. AAI will provide professional development modules that addresses general components of the DLM System (e.g., DLM science Essential Elements) and instructional practices, to support instruction aligned with the DLM Alternate Assessment (AA). Modules will be available in Self-Directed format, available 24 hours a day, 7 days per week to educators through an on-line portal accessed via the DLM website, and in Facilitated format for use in face-to-face training or as part of local professional learning communities.

b. Seeking advice from the DLM Science Governance Board, AAI will prioritize and create new and enhance existing science professional learning modules.

c. AAI will provide SEA with monthly reports regarding educator completion of Self-Directed versions of professional learning modules.

d. AAI, through the use of websites, interactive learning opportunities, and social media, will support educators working with students with the most significant cognitive disabilities in

the DLM Consortium by designing, hosting and publicizing trainings and classroom supports including familiar texts, sample lesson plans, writing tools, and other instructional resources.

6. **DLM Science Alternate Assessment Psychometric Services**

   a. AAI will produce an annual update to the consortium-wide science technical manual.

   b. AAI will fund four meetings per year of the DLM Consortium Technical Advisory Committee to advise on the design and delivery of the science alternate assessment system.

   c. AAI will conduct, present, and publish research documenting the technical quality of the DLM science assessments including groundwork necessary to support both instructionally embedded and year-end testing models, policy, and instructional implications. Results will be used to guide science assessment system and Kite® system improvement.

   d. AAI will organize documentation to support United States Education Department (USED) peer review requirements and will facilitate all non-state specific peer review efforts.

7. **DLM Science Alternate Assessment Scoring and Reporting Services**

   a. AAI will produce Portable Document Format (PDF) files containing student, class, school, and district science reports that may be accessed and printed by the appropriate local education agency or its designee. Report files will be packaged by student school and district for electronic distribution.

   b. AAI will produce a PDF file with a state level report on science results that State-authorized SEA representatives may access and print.

   c. AAI will provide the SEA with an electronic data file in CSV format containing all student results, performance levels, and information indicating the student, classroom, teacher, school, and district for each content area and any other data in the DLM database required for accountability reporting.

   d. AAI will provide facility within the Kite® system to allow teachers to look at the results of the DLM science instructionally embedded assessment.

**EXHIBIT B**
**Scope of Work**
**Continued**

**STATEMENT AND PERFORMANCE OF WORK**
**RELATED TO 2024-2025**
**SCIENCE DLM ALTERNATE ASSESSMENT CONSORTIUM SERVICES**

University of Kansas Center for Research, Inc. (KUCR), through the University of Kansas Achievement and Assessment Institute (AAI) shall provide the professional services listed below. The professional services set forth below shall be performed: (i) using the requisite degree of skill, care and diligence; and (ii) will be reasonably accurate in accordance with accepted professional testing standards. This statement of work applies to all tests that are under operational administration including instructionally embedded assessments.

1. **DLM Science Alternate Assessment Consortium Services**
   a. AAI will host face-to-face science governance board meetings twice per year and cover the cost of attendance for two representatives per state.
   b. AAI will host virtual science governance partner calls up to once per month and convene ad-hoc committee meetings as needed.
   c. AAI will provide states with access to DLM Technical Advisory Committee (TAC) meetings where states may virtually attend and observe the meeting.
   d. AAI will provide science governance board members with the opportunity to review and provide feedback on draft consortium training resources, manuals, and reports.
   e. AAI will host, maintain and enhance the DLM web site, including state-specific pages with contents to support implementation of DLM science assessments.
   f. AAI will make one site visit per year (e.g., state level training on implementation, meeting with state representatives, state TAC meeting participation, and/or stakeholders to provide DLM-specific information).
2. **DLM Science Alternate Assessment Content and Standards Services**
   a. AAI will maintain and make available the DLM Science Essential Elements. AAI will keep track of any recommendations for changes to the Essential Elements. At any time, the Science Governance Board can vote to revise and reissue the Essential Elements, with any such motion including a schedule for implementation to allow the following: Time to revise the learning map neighborhoods, Essential Element Concept Maps, and testlets; time for educators to familiarize themselves with any changes; and time for states to adopt the revised DLM Science Essential Elements.
3. **DLM Science Alternate Assessment Development Services**
   a. AAI, with input from the science consortium governance board, will create an annual test development plan that is presented to the consortium governance board each July including accessible alternate forms as needed.
   b. AAI will annually complete all science test development processes including internal, external, and editorial reviews; field testing; and preparation for operational delivery including accessibility tagging and quality control procedures.
   c. AAI will develop and field test instructionally embedded assessments for science in elementary, middle, and high school.

## EXHIBIT C
## Method of Payment

The terms outlined in the Payment Schedule is set forth below:

**Contract Price:**
Notwithstanding any provision in the Contract to the contrary, and notwithstanding unexpected circumstances, in no event shall the total of all payments made by the State exceed the amount indicated in the P-37 General Provisions – Block 1.8: *Price Limitation.* The payment by the State of the total Contract price shall be the only, and the complete reimbursement to the Contractor for all fees and expenses, of whatever nature, incurred by the Contractor in the performance thereof.

**Travel Expenses:**
The State will not be responsible for any travel or out of pocket expenses incurred in the performance of the Services performed under this Contract. The Contractor must assume all travel and related expense incurred by Contractor in performance of its obligations. All labor rates in this Agreement will be considered "Fully Loaded", including, but not limited to: meals, hotel/housing, airfare, car rentals, car mileage, and any additional out of pocket expenses.

**Shipping Fees:**
The State will not pay for any shipping or delivery fees unless specifically itemized in this Agreement.

**Overpayments to the Contractor:**
The Contractor shall promptly, but no later than fifteen (15) days, return to the State the full amount of any overpayment or erroneous payment upon discovery or notice from the State.

**Credits:**
The state may apply credits due to the State arising out of this Contract, against the Contractor's invoices with appropriate information attached.

**Payment Schedule:**
This Contract shall allow KUCR to invoice the State for Deliverables based upon the price and payment table below:

| Academic Testing Year | Calculations | Estimated Amount |
|---|---|---|
| First Payment on or before September 1 | 35% of Estimated Amount | $132,055 |
| Second Payment on January 1 | 35% of Estimated Amount | $132,055 |
| Final Payment upon conclusion of the end of year assessment as described below | Final invoice adjusted to account for the actual number of students tested | $113,190 |
| | **Total** | **$377,300** |

For English Language Arts, Mathematics and Science testing services, estimated payment will be based on 1,705 students, the State will pay an annual non-refundable fixed rate price amount of $200,000 for consortium service and operations costs plus a per student cost of $60.00 per student assessment (estimated 1,250 students for English/language arts and mathematics, and 455 students for science).

**EXHIBIT C**
**Method of Payment**
**Continued**

- KUCR shall invoice State for 35% of the estimated total cost on or before August 1 of the current testing year and State shall pay on or before September 1 of the current testing year,
- KUCR invoice State for 35% of the estimated total cost on or before January 1, of the current testing year, and State shall pay on or before February 1 of the current testing year; and
- KUCR shall invoice State for the balance of the total cost, based on the actual total number of students tested during either the instructionally embedded or end-of-year assessment, upon completion and delivery of the annual test reports, or in the event testing is not completed through no fault of KUCR. KUCR shall send the final invoice to the State in line with the cancellation component outlined below and State shall pay within 30 calendar days.

**Early Termination and Cancelation:**
If State cancels student testing or this Agreement terminates early due to no fault of KUCR, KUCR shall send the final invoice and State shall pay a pro-rated amount from the schedule below, exclusive of any non-refundable consortium fees paid, based on the total estimated contract cost (number of students x tests) or actual student/test counts from the most recent school year in which regular testing occurred, whichever is less. State shall pay within thirty (30) calendar days of receipt of invoice:

| Month of Cancellation | Percentage of total cost |
|---|---|
| July | 9% |
| August | 18% |
| September | 27% |
| October | 36% |
| November | 45% |
| December | 54% |
| January | 63% |
| February | 72% |
| March | 81% |
| April | 90% |
| May | 95% |
| June | 100% |

**Limitation on Price:** Upon mutual agreement between the state contracting officer and the contractor, line items in this budget may be adjusted one to another, but in no case shall the total budget exceed $377, 300.

**Funding Source:** Funds are available in the following account for Fiscal Year 2025 and are anticipated to be available in Fiscal Years 2026, 2027, 2028, and 2029, upon the availability and continued appropriation of funds in the future operating budget, with the authority to adjust budget line items within the price limitation and encumbrances between fiscal years through the Budget Office if needed and justified.

Contractor Initials: AMR



Date: 03/28/24

**EXHIBIT C**
**Method of Payment**
**Continued**

06-56-56-562010-25040000-102-500731 IDEA-SPECIAL ED-ELEM/SEC

| Fiscal Year | Class/Account | Class Title | Total Amount |
|---|---|---|---|
| 2025 | 102-500731 | Contracts for Program Services | $377,300 |
| 2026 | 102-500731 | Contracts for Program Services | $377,300 |
| 2027 | 102-500731 | Contracts for Program Services | $377,300 |
| 2028 | 102-500731 | Contracts for Program Services | $377,300 |
| 2029 | 102-500731 | Contracts for Program Services | $377,300 |
| | | Total | $1,886,500 |

**Method of Payment:** Payment will be made upon the submittal of invoices as outlined by the Payment Schedule above, that are supported by a summary of activities/completed deliverables that have taken place in accordance with the terms of the contract, along with a detailed listing of expenses incurred. If otherwise correct and acceptable, payment will be made for 100% of the expenditures listed. Invoices and reports shall be electronically submitted to:

DEAR@doe.nh.gov

Contractor Initials: AMR



Date: 03/28/24

## EXHIBIT D
## Contractor Obligations

Contracts in excess of the simplified acquisition threshold (currently set at $250,000) must address **administrative, contractual, or legal remedies** in instances where the contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate. Reference:
2 C.F.R. § 200.326 and 2 C.F.R. 200, Appendix II, required contract clauses.

The contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the contractor's actions pertaining to this contract.

The Contractor, certifies and affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 et seq., apply to this certification and disclosure, if any.

**Breach**
A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.

**Fraud and False Statements**
The Contractor understands that, if the project which is the subject of this Contract is financed in whole or in part by federal funds, that if the undersigned, the company that the Contractor represents, or any employee or agent thereof, knowingly makes any false statement, representation, report or claim as to the character, quality, quantity, or cost of material used or to be used, or quantity or quality work performed or to be performed, or makes any false statement or representation of a material fact in any statement, certificate, or report, the Contractor and any company that the Contractor represents may be subject to prosecution under the provision of 18 USC §1001 and §1020.

**Environmental Protection**
(This clause is applicable if this Contract exceeds $150,000. It applies to Federal-aid contracts only.)
The Contractor is required to comply with all applicable standards, orders or requirements issued under Section 306 of the Clean Air Act (42 U.S.C. 1857 (h), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency (EPA) regulations (40 CFR Part 15) which prohibit the use under non-exempt Federal contracts, grants or loans of facilities included on the EPA List of Violating Facilities. Violations shall be reported to the FHWA and to the U.S. EPA Assistant Administrator for Enforcement.

**Procurement of Recovered Materials**
In accordance with Section 6002 of the Solid Waste Disposal Act (42 U.S.C. § 6962), State agencies and agencies of a political subdivision of a state that are using appropriated Federal funds for procurement must procure items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds $10,000 or the value of the quantity acquired in the preceding fiscal year exceeded $10,000; must procure solid waste management services in a manner that maximizes energy and resource recovery; and must have established an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

*Revised 6-5-21*

## EXHIBIT E
## Federal Debarment and Suspension

a. By signature on this Contract, the Contractor certifies its compliance, and the compliance of its Sub-Contractors, present or future, by stating that any person associated therewith in the capacity of owner, partner, director, officer, principal investor, project director, manager, auditor, or any position of authority involving federal funds:

   1. Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal Agency;

   2. Does not have a proposed debarment pending;

   3. Has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal Agency within the past three (3) years; and

   4. Has not been indicted, convicted, or had a civil judgment rendered against the firm by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three (3) years.

b. Where the Contractor or its Sub-Contractor is unable to certify to the statement in Section a.1. above, the Contractor or its Sub-Contractor shall be declared ineligible to enter into Contract or participate in the project.

c. Where the Contractor or Sub-Contractor is unable to certify to any of the statements as listed in Sections a.2., a.3., or a.4., above, the Contractor or its Sub-Contractor shall submit a written explanation to the NHED. The certification or explanation shall be considered in connection with the NHED's determination whether to enter into Contract.

d. The Contractor shall provide immediate written notice to the NHED if, at any time, the Contractor or its Sub-Contractor, learn that its Debarment and Suspension certification has become erroneous by reason of changed circumstances.

*Revised 6-5-21*

**EXHIBIT F**
**Anti-Lobbying**

The Contractor agrees to comply with the provisions of Section 319 of Public Law 101-121, Government wide Guidance for New Restrictions on Lobbying, and 31 U.S.C. 1352, and further agrees to have the Contractor's representative, execute the following Certification:

The Contractor certifies, by signing and submitting this contract, to the best of his/her knowledge and belief, that:

a. No federal appropriated funds have been paid or shall be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence any officer or employee of any State or Federal Agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any Federal contract, the making of any federal grant, the making of any federal loan, the entering into any cooperative agreement, and the extension, continuation, renewal amendment, or modification of any Federal contract grant, loan, or cooperative agreement.

b. If any funds other than federally appropriated funds have been paid or shall be paid to any person for influencing or attempting to influence an officer or employee of any Federal Agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit the "Disclosure of Lobbying Activities" form in accordance with its instructions.

https://www.gsa.gov/forms-library/disclosure-lobbying-activities

c. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making and entering into this transaction imposed by Section 1352, Title 31 and U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

d. The Contractor also agrees, by signing this contract that it shall require that the language of this certification be included in subcontracts with all Sub-Contractor(s) and lower-tier Sub-Contractors which exceed $100,000 and that all such Sub-Contractors and lower-tier Sub-Contractors shall certify and disclose accordingly.

e. The NHED shall keep the firm's certification on file as part of its original contract. The Contractor shall keep individual certifications from all Sub-Contractors and lower-tier Sub- Contractors on file. Certification shall be retained for three (3) years following completion and acceptance of any given project.

*Revised 6-5-21*

Contractor Initials: AMR



Date: 03/28/24

## EXHIBIT G
## Rights to Inventions Made Under a Contract, Copy Rights and Confidentiality

**Rights to Inventions Made Under a Contract or Agreement**
Contracts or agreements for the performance of experimental, developmental, or research work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the NHED.

Any discovery or invention that arises during the course of the contract shall be reported to the NHED. The Contractor is required to disclose inventions promptly to the contracting officer (within 2 months) after the inventor discloses it in writing to contractor personnel responsible for patent matters. The awarding agency shall determine how rights in the invention/discovery shall be allocated consistent with "Government Patent Policy" and Title 37 C.F.R. § 401.

**Confidentiality**
All Written and oral information and materials disclosed or provided by the NHED under this agreement constitutes Confidential Information, regardless of whether such information was provided before or after the date on this agreement or how it was provided.

The Contractor and representatives thereof, acknowledge that by making use of, acquiring or adding to information about matters and data related to this agreement, which are confidential to the NHED and its partners, must remain the exclusive property of the NHED.

Confidential information means all data and information related to the business and operation of the NHED, including but not limited to all school and student data contained in NH Title XV, Education, Chapters 186-200.

Confidential information includes but is not limited to, student and school district data, revenue and cost information, the source code for computer software and hardware products owned in part or in whole by the NHED, financial information, partner information(including the identity of NHED partners), Contractor and supplier information, (including the identity of NHED Contractors and suppliers), and any information that has been marked "confidential" or "proprietary", or with the like designation. During the term of this contract the Contractor agrees to abide by such rules as may be adopted from time to time by the NHED to maintain the security of all confidential information. The Contractor further agrees that it will always regard and preserve as confidential information/data received during the performance of this contract. The Contractor will not use, copy, make notes, or use excerpts of any confidential information, nor will it give, disclose, provide access to, or otherwise make available any confidential information to any person not employed or contracted by the NHED or subcontracted with the Contractor.

**Ownership of Intellectual Property**
The NHED shall retain ownership of all source data and other intellectual property of the NHED provided to the Contractor in order to complete the services of this agreement. As well the NHED will retain copyright ownership for any and all materials, patents and intellectual property produced, including, but not limited to, brochures, resource directories, protocols, guidelines, posters, or reports. The Contractor shall not reproduce any materials for purposes other than use for the terms under the contract without prior written approval from the NHED.

*Revised 6-5-21*

## EXHIBIT H
## Data Protection

*Revised 2-2023*

**Data Protection**
Protection of personal privacy and data shall be an integral part of the business activities of the Contractor to ensure there is no inappropriate or unauthorized use of State information at any time. To this end, the Contractor shall safeguard the confidentiality, integrity and availability of State information and comply with the following conditions:

1. The Contractor shall implement and maintain appropriate administrative, technical and organizational security measures to safeguard against unauthorized access, disclosure or theft of Personal Data and non-public information. Such security measures shall be in accordance with recognized industry practice and not less stringent than the measures the Contractor applies to its own Personal Data and non-public data of similar kind.
2. All data obtained by the Contractor in the performance of this contract and all Personal Data shall be encrypted at rest and in transit with controlled access. Unless otherwise stipulated, the Contractor is responsible for encryption of the Personal Data.
3. Unless otherwise stipulated, the Contractor shall encrypt all non-public data at rest and in transit. The State shall identify data it deems as non-public data to the Contractor. The level of protection and encryption for all non-public data shall be identified and made a part of this contract.
4. At no time shall any data or processes – that either belong to or are intended for the use of the State or its officers, agents or employees – be copied, disclosed or retained by the Contractor or any party related to the Contractor for subsequent use in any transaction that does not include the State.
5. The Contractor shall not use any information collected in connection with the service issued from this Contract for any purpose other than fulfilling the service.

**Data Location**
The Contractor shall provide its Services to the State and its end users solely from data centers within the Continental United States. All storage, processing and transmission of State data shall be restricted to information technology systems within the Continental United States. The Contractor shall not allow its personnel or sub-contractors to store State data on portable devices, including personal computers, except as specified and allowed by the contract, and then only on devices that are used and kept at its data centers within the Continental United States. The Contractor shall permit its personnel and Contractors to access State data remotely only to provide technical support and as specified or required by the contract.

**Security Incident Or Data Breach**
The Contractor shall inform the State of any security incident or Data Breach in accordance with NH RSA Chapter 359-C:20: Notice of Security Breach.

1. Incident Response: the Contractor may need to communicate with outside parties regarding a security incident, which may include contacting law enforcement, fielding media inquiries and seeking external expertise as mutually agreed upon, defined by law or contained in the Contract. Discussing security incidents with the State should be handled on an urgent as-needed basis, as part of the Contractor communication and mitigation processes as mutually agreed upon, defined by law or contained in the contract.
2. Security Incident Reporting Requirements: the Contractor shall report a security incident to the State identified contact immediately if it reasonably believes there has been a security incident.

**EXHIBIT H**
**Data Protection**
**Continued**

3. Breach Reporting Requirements: If the Contractor has actual knowledge of a confirmed data breach that affects the security of any State content that is subject to applicable data breach notification law, the Contractor shall (1) promptly notify the appropriate State identified contact immediately, unless shorter time is required by applicable law, and (2) take commercially reasonable and consistent with industry best practices measures to address the data breach in a timely manner.

**Breach Responsibilities**

1. This section only applies when a Data Breach occurs with respect to State data within the possession or control of the Contractor and/or the third-party designee hosting the data as agreed upon by the Contractor and the State.
2. The Contractor, unless stipulated otherwise, shall immediately notify the appropriate State identified contact by telephone in accordance with the agreed upon security plan or security procedures if it reasonably believes there has been a security incident.
3. The Contractor, unless stipulated otherwise, shall promptly notify the appropriate State identified contact within 24 hours or sooner by telephone, unless shorter time is required by applicable law, if it confirms that there is, or reasonably believes that there has been a Data Breach the Contractor shall:
    a. cooperate with the State as reasonably requested by the State to investigate and resolve the Data Breach;
    b. promptly implement necessary remedial measures, if necessary; and
    c. document responsive actions taken related to the Data Breach, including any post-incident review of events and actions taken to make changes in business practices in providing the services, if necessary.
4. Unless otherwise stipulated, if a Data Breach is a direct result of the Contractor's breach of its contract obligation or the third-party hosting company to encrypt Personal Data or otherwise prevent its release, the Contractor and/or the third-party hosting company shall bear the costs associated with:
    a. the investigation and resolution of the Data Breach;
    b. notifications to individuals, regulators or others required by State law;
    c. a credit monitoring service required by State (or federal) law;
    d. a website or a toll-free number and call center for affected individuals required by State law — all not to exceed the average per record per person cost calculated for Data Breaches in the United States (currently $201 per record/person) in the most recent Cost of Data Breach Study: Global Analysis published by the Ponemon Institute at the time of the Data Breach; and
    e. complete all corrective actions as reasonably determined by the Contractor based on root cause; all [(a) through (e)] subject to this Contract's limitation of liability.

**EXHIBIT I**
**Data Use Agreement**

**DATA USE AGREEMENT BETWEEN**

**New Hampshire Department of Education (STATE)**
**and**
**University of Kansas Center for Research, Inc. (UNIVERSITY)**

This Data Use Agreement is made and entered into as of July 1, 2024, by and between **New Hampshire Department of Education**, hereafter "Holder," and UNIVERSITY, hereafter "Recipient."

1. This agreement sets forth the terms and conditions pursuant to which the Holder will disclose certain Protected Educational Information, hereafter "PEI" in the form of a Limited Data Set to the Recipient.

2. Terms used, but not otherwise defined, in this Agreement shall have the meaning given the terms in the United States Department of Education Regulations 20 U.S.C. § 1232g; 34 CFR Part 99, also known as FERPA.

3. The purpose of this disclosure is to support the development and implementation of the Dynamic Learning Maps Alternate Assessment System for students. This purpose falls under both FERPA section 99.31(a)(6)(i)(A), which allows such disclosure in order to "Develop, validate, or administer predictive tests," or "Improve instruction," and FERPA section 99.35(a)(1), which allows such disclosure for the evaluation of state and federal education programs.

3.1 For uses that do not require score reporting, may be redacted at the sole discretion of the Holder and an identifier provided by the Holder will be used to identify students during the administration of the Dynamic Learning Maps Alternate Assessments.

4. Recipient Responsibilities

4.1 The Recipient will not use or disclose the Limited Data Set for any purpose other than permitted by this Agreement pertaining to the Project, or as required by law. If disclosure of data of any kind is deemed necessary, it will take place only after prior notification of the Holder.

4.2 The Recipient will use appropriate administrative, physical, and technical safeguards to prevent use or disclosure of the Limited Data Set other than as provided for by this Agreement.

4.3 The Recipient will report to the Holder any use or disclosure of the Limited Data Set not provided for by this Agreement. The report should be made (to Holder, by Recipient) within 24 hours of its discovery.

4.4 The Recipient will ensure that any agent, including a subcontractor, to whom it provides the Limited Data Set, agrees to the same restrictions and conditions that apply through this Agreement to the Recipient with respect to the Limited Data Set.

4.5 The Recipient will not identify the information contained in the Limited Data Set. Any reports or materials developed by the Recipient or subcontractors that use data provided under this Agreement, will not contain any personally identifiable information that is protected by the Family Educational Rights and Privacy Act (FERPA), 34 CFR 99.

4.6 The Recipient will not contact the individuals who are the subject of the PEI contained in the Limited Data Set.

**EXHIBIT I**
**Data Use Agreement**
**Continued**

5. Term and Termination

5.1 The terms of this Agreement shall be effective as of July 1, 2024, and shall remain in effect until all PEI in the Limited Data Set provided to the Recipient is destroyed or returned to the Holder.

5.2 Upon the Holder's knowledge of a material breach of this Agreement by the Recipient, the Holder shall provide an opportunity for the Recipient to cure the breach or end the violation. If efforts to cure the breach or end the violation are not successful, the Holder shall discontinue disclosure of the Limited Data Set to the Recipient if the Holder determines cure of the breach is not possible.

5.3 Both Holder and Recipient shall have the right to terminate this Data Use Agreement for any reason by providing sixty (60) days' notice of termination of this Data Use Agreement to the other party (Holder or Recipient).

6. General Provisions

6.1 The Recipient and Holder understand and agree that individuals who are the subject of PEI are not intended to be third party beneficiaries of this Agreement.

6.2 This Agreement shall not be assigned by the Recipient without the prior written consent of the Holder.

6.3 Each party agrees that it shall be responsible for its own acts and the results thereof to the extent authorized by law and shall not be responsible for the acts of the other party or the results thereof.

7. Data Confidentiality and Security

7.1 The Recipient shall implement and adhere to policies and procedures that restrict access to the Limited Data Set. A complete list of individuals with access to the Limited Data Set will be identified and maintained.

7.2 All individuals permitted to retrieve or use data from the Limited Data Set shall only access that data either directly from secure servers or by using a KU managed device with encrypted storage. Data from the Limited Data Set shall only be stored on or retrieved from secure servers located within the United States.

7.3 All individuals permitted to use or receive the Limited Data Set for purposes of the Project agree to handle pupil data in a manner that maintains privacy and confidentiality. All individuals using or receiving the Limited Data Set must sign and return DLM's data access form, which will be maintained for the length of the project and will be shared with the Holder.

8. Transmission of Data

8.1 All student data shall be transmitted to the Recipient via a Secure File Transfer Protocol (SFTP) or other method agreed to by the Holder and Recipient.

8.2 During this transmission, data shall be secured based upon a method agreed to by the Holder and Recipient.

9. Data Storage

9.1 PEI shall be kept, for the shortest of the following periods:

- ten years,

- upon completion of all final deliverables after termination of the Holder's membership in the Dynamic Learning Maps Alternate Assessment Consortium, or use of the Dynamic Learning Maps Alternate Assessment(s), or
- the date when the data are no longer needed for the purposes for which the component of the project was conducted.

When the PEI data storage term expires, the DLM Consortium will retain de-identified (non-PEI) data only for the purposes of maintaining the DLM operational assessment system (e.g., calibration, evidence of technical quality).

9.2 Data will be stored in a secure electronic format by the Recipient. All personally identifiable information connected with this Project shall be destroyed per 9.1 and in accordance with the University of Kansas policies regarding data handling and destruction, which include the NIST Special Publication 800-88 guidelines. The Recipient shall give the Holder written notice of planned destruction of records at least thirty (30) days prior to such destruction.

10. Data Elements

10.1 Attached is a Data Request (Appendix A) listing variables to be provided by the Holder to the Recipient for use with the Project. All data remains the property of Holder.

**EXHIBIT J**
**Assurances**

The University of Kansas Center for Research, Inc. (KUCR) provides the Dynamic Learning Maps Alternative Assessment (DLM AA) and related services offered under this Agreement as part of the non-profit research and educational activities of University, and are provided to the State of New Hampshire as part of University's mission of outreach and service to the educational community. The Assessment and Achievement Institute (AAI) has no reason to believe that the DLM AA infringes on the intellectual property rights of any third party, or that they are unfit for the purposes described in this Agreement. Notwithstanding any other statement, KUCR and University, their respective trustees, directors, officers, employees, and affiliates make no representations and extend no warranties of any kind, either express or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, absence of latent or other defects, whether or not discoverable or non-infringement of proprietary rights of any third party.

## EXHIBIT K
## University of Kansas Center for Research, Inc Intellectual Property

The University of Kansas owns the copyrights, trademarks, and related intellectual property covered under this agreement (IP). This agreement does not convey any exclusive rights, title, or interest in or to IP to New Hampshire. New Hampshire shall not take any actions that would limit or restrict access to the materials by other states or otherwise adversely affect the proprietary nature of the IP.

Intellectual Property includes but is not limited to the following:

1. Dynamic Learning Map End-of-Year Alternate Assessment and DLM Instructionally Embedded Alternate Assessment, collectively known as DLM AA;
2. Dynamic Learning Map Essential Elements and Resource Guide ("DLM EE"), including future editions;
3. Professional Development materials and administration manuals for using the KITE™ system to administer DLM ("KITE Professional Development materials"); and
4. Dynamic Learning Map technical documents and research reports.

The Achievement and Assessment Institute (AAI) will use the IP to provide test administration services for DLM AA to New Hampshire under the following conditions:

1. Payment of the required fees set forth in Exhibit C of this Agreement;
2. New Hampshire acknowledges that the DLM AA is a secure test, as that term is defined in 37 C.F.R. § 202.20(b)(4);
3. New Hampshire shall implement applicable federal and statewide policies and procedures to ensure that the security of the test is maintained. New Hampshire shall immediately notify University of Kansas Center for Research, Inc. (KUCR) if it learns of any breach or threatened breach of test security; and
4. The DLM AA shall not be copied, modified, distributed or displayed in any manner without express written permission from KUCR and with the appropriate security measures in place.

KUCR hereby grants New Hampshire the right to reproduce copies of DLM EE, KITE Professional Development materials, and DLM Technical Manual and research reports (IP items 2-4 above) for New Hampshire's educational purposes within the state of New Hampshire.

New Hampshire shall permanently and legibly mark all DLM technical documents and research reports in accordance with all applicable copyright marking and notice provisions under title 17, US Code. Access to an electronic copy will be provided for all DLM technical documents and research reports. The DLM technical documents and research reports shall not be modified by New Hampshire.

## SCHEDULE A
## Dynamic Learning Maps Governance

1. Definitions.
    a. SEA – "SEA" means state educational agency and includes each state's education Superintendent.
    b. LEA – "LEA" means local educational agency and includes any educational agency within a DLM Consortium Member state subject to the requirements of ESEA.
    c. University – "University" means the University of Kansas.
    d. DLM Consortium – "DLM Consortium" means the set of states that purchase DLM Consortium student alternate assessment services.
    e. DLM Consortium Member – "DLM Consortium Member" means any state educational agency that approves and/or purchases the DLM Consortium student assessment services to satisfy the state and local educational agencies requirements of the Elementary and Secondary Education Act that pertain to the academic assessment students with significant cognitive disabilities.
    f. DLM Consortium Associate Member – "DLM Consortium Associate Member" means any state educational agency that is not using the DLM Alternate Assessment during the current year, but would like to attend Governance Meetings and conference calls. Associate members may participate in conversations but have no vote until they have entered into a contract for future assessment. Educators and students from Associate Member states will not participate in ongoing research.
    g. DLM Governance Board Member – "DLM Governance Board Member" means any person appointed to the DLM Governance Board according to the Board Member Appointment subsection below, *see* sec. 3a.
    h. Technical Advisory Committee (TAC) – The TAC consists of experts in areas of: implementation/review of large-scale accountability assessments; diagnostic classification modeling/Bayesian network analysis; and accessibility regarding students with significant cognitive disabilities. The TAC provides advice and guidance to the DLM Consortium on technical aspects of the DLM AA system.

2. Purpose.
    a. Advisory - The DLM Governance Board serves as an advisory board to Accessible Teaching, Learning and Assessment Systems (ATLAS) in their administration, maintenance and enhancement of the Dynamic Learning Maps Alternate Assessment system.
    b. Collaborative - The DLM Governance Board provides an organized opportunity for SEAs to associate and address common issues relating to students with significant cognitive disabilities, the academic proficiency of grade 3 through grade 12 students and other issues related to SEA and LEA requirements of ESEA.

3. Structure.
    a. Board Member Appointment – Each DLM Consortium Member should appoint two SEA representatives to the DLM Consortium Board. The representatives should be a state special education and state assessment administrator.
    b. The Director of the Dynamic Learning Maps Alternate Assessment Project will be an ex officio member of the governance board.

c. Term of DLM Governance Board Members – Each DLM Governance Board Member will serve until replaced by their respective SEA or until their SEA is no longer a DLM Consortium Member.

d. Removal of DLM Governance Board Members - DLM Consortium Board Members may only be removed by their respective SEA. An SEA will appoint a successor member to the DLM Governance Board if that SEA removes its appointed member.

e. Compensation – Members of the DLM Governance Board do not receive compensation.

4. Operations.

a. General – ATLAS will facilitate the activities of the DLM Governance Board.

b. On-site Meeting - ATLAS will conduct on-site meetings of the DLM Governance Board at a frequency specified in the consortium scope of work (Exhibit B).

c. Ad hoc Committee Meetings - ATLAS will conduct ad hoc committee meetings of the DLM Governance Board as necessary.

d. Communications

i. General - ATLAS will provide the necessary infrastructure to facilitate the DLM Governance Board activities.

ii. Meeting Summaries – ATLAS will maintain meeting notes and provide meeting summaries to the DLM Governance Board Members after any DLM Governance Board meeting.

e. Costs

i. General – ATLAS will pay the costs associated with operating the DLM Governance Board. All travel expense reimbursements will be made in accordance with University and/or KUCR guidelines.

ii. Incremental Travel Expenses – If any SEA wants to bring more than two representatives to a DLM Consortium meeting, that SEA will be responsible for these peoples' travel expenses.

f. Fiscal Impact – The activities of the DLM Governance Board will have no direct fiscal impact on individual DLM Consortium Members without an additional written agreement between the individual DLM Consortium Members and University and/or KUCR.

5. Activities.

a. General – The activities of the DLM Governance Board include the following:

i. Annual DLM Governance Board meetings;

ii. DLM Governance Board committees as determined by this section; and

iii. Special meetings conducted by the DLM Consortium

b. DLM Governance Board Meetings - ATLAS will coordinate the meetings of the DLM Governance Board.

i. Meeting Agendum – ATLAS, with input from the states, will set the agenda for DLM Governance Board meetings.

ii. Meeting Activities

1. Substantive Presentations. ATLAS will present updates on DLM Consortium activities related to the implementation, research and development of the DLM Consortium Works.
2. Financial Presentations. At every Governance meeting ATLAS will present a financial update on the current year budget.
3. Discussion and Review Groups. ATLAS will facilitate discussion groups on targeted topics related to the implementation, research and development of the DLM Consortium Works. The discussion groups are an opportunity for DLM Governance Board Members to provide input to the DLM Consortium and to interact and exchange ideas with other SEAs.
4. Policy Orientation and Priority Setting. ATLAS will poll the DLM Governance Board in order to ascertain the position of DLM Governance Board members on issues related to the policy orientation and priorities of the implementation, research and development. Each DLM Member state will receive one vote. The votes will be recorded by ATLAS on behalf of the DLM Consortium.

c. Committees

i. Ad Hoc Committees – the DLM Consortium and the DLM Governance Board may form ad hoc committees to address specific issues as necessary.

**APPENDIX A**
**DLM Data Elements**

*Updated January 2023*

**Please Note:** Data Elements indicated in this document are based on the 2022-2023 assessment year and may be updated for the 2024-2029 assessment years with state partner knowledge and agreement via state partner calls.

**User Upload Template File Field Definitions**

| Field | Format; Length | Required | Description | Special Notes |
|---|---|---|---|---|
| Legal_First_Name | Alphanumeric | Yes | The user's first name | Double-check that the first and last names are listed in the correct columns and not transposed. |
| Legal_Last_Name | Alphanumeric | Yes | The user's last name | Double-check that the first and last names are listed in the correct columns and not transposed. |
| Educator_Identifier | Alphanumeric; 30 maximum<br>Special characters found in email addresses are allowed | Yes, for test administrators (those with the role of Teacher in Educator Portal)<br>Not required for other users | Usually, the user's state license number or another state identification number, but it could be the user's official school email address<br>**NEVER use social security numbers.** Check with the State Assessment Administrator with questions about this value. | If a user will not be assigned to students, this field is optional. For example, district or building assessment coordinators do not need an Educator Identifier unless they also test students. However, best practice is to include the unique Educator Identifier for all users.<br>This value is case-insensitive. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| Field | Format; Length | Required | Description | Special Notes |
|---|---|---|---|---|
| Educator_Email_Address | Alphanumeric | Yes | The user's email address<br>This will become the user's Educator Portal login name. | New users will receive their account activation email at this address. As a key field, it must be accurate. Official, work-issued email addresses are strongly recommended.<br>This value is case-insensitive. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| Field | Format; Length | Required | Description | Special Notes |
|---|---|---|---|---|
| Organization_ID | Alphanumeric | Yes | The code for the user's district, school, or other organizational unit<br>Must include any leading zeros | Use the organization code from the state organizational table for the district and school. A district-level role must be associated with the district organization code. A school-level role must be associated with the school organization code.<br>Data in the organization field will be matched against the organization information provided by each state and presented in Educator Portal. Failure to match the codes will result in record rejection.<br>Go to page **Error! Bookmark not defined.** in this manual for instructions on how to Include Leading Zeros in an Upload File.<br>Hint: Excel has several CSV format choices. **DLM users must choose CSV (comma-delimited) format.** |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| Field | Format; Length | Required | Description | Special Notes |
|---|---|---|---|---|
| Organization_Level | Alphanumeric<br>UPPERCASE ONLY | Yes | The user's access level (e.g., DT for district, SCH for school/building) | Enter DT to indicate a user at the district level or SCH to indicate a user at the school/building level.<br>NOTE: If a user has a role at both the district level (e.g., an assessment coordinator) and a role at the school level (e.g., teacher) a row must be entered for each role. Find an example in the screenshot at the end of this table.* |
| Primary_Role | Alpha<br>UPPERCASE ONLY | Yes | The user's default role (the role that automatically appears when the user logs in to Educator Portal)<br>The role must be one that is valid for the organization (e.g., DTC for district test coordinator or TEA for a teacher role). | If left blank, the upload will generate an error.<br>Details about possible values are provided in the Codes for the Primary and Secondary Role Fields table on page **Error! Bookmark not defined.** of this manual. If a user has a role at both the district level (e.g., a DTC) and a role at the school level (e.g., teacher), a row must be entered for each role. Then after entering a row for each role, determine which role is primary and which role is secondary (e.g., the primary role as DTC and the secondary role as TEA). |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| Field | Format; Length | Required | Description | Special Notes |
|---|---|---|---|---|
| Secondary_Role | Alpha<br>UPPERCASE ONLY | No | A second role for the user<br>The role must be one that is valid for the organization (e.g., TEA for teacher). | If a user has a second role in Educator Portal, enter it in this column. For example, a District Test Coordinator might also be a building principal. Since a specific building principal role is not available, choose either the BTC or BUS role for this person.<br>Details about potential values are provided in the Codes for the Primary and Secondary Role Fields table on page **Error! Bookmark not defined.** of this manual. |
| Primary_Assessment_Program | Alpha<br>UPPERCASE ONLY | Yes | The code associated with the assessment program | Type DLM. |
| Deactivate_User | Alpha | No | This field is only used when deactivating a user. | If a user should no longer have access in Educator Portal, type **deactivate** in this field. This field is case-insensitive. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

**Enrollment Field Definitions**

| Column Letter in Enrollment File | Field | Format; Length | Required | Definition | Special Notes |
|---|---|---|---|---|---|
| A | Accountability_ District_Identifier | Alphanumeric; 30 | No | The unique code assigned to the district as listed in the state organizational table in Column D | The Accountability District Identifier (Column A) is **not** a required field in the Enrollment Upload Template file. It is available for state use if desired.<br>Save the file but do not close it before uploading it in Educator Portal because any special formatting will likely be lost, i.e., leading zeros.<br>If the codes are numeric and contain leading zeros, ensure that the leading zeros* are retained after each save.<br>Note: The Accountability District Identifier only becomes required if the Accountability School Identifier code is entered in column B. |
| B | Accountability_ School_Identifier | Alphanumeric; 30 | No | The unique code assigned to the school as listed in the state organizational table in column B | The Accountability School Identifier (Column B in the state organizational table) is **not** a required field in the Enrollment Upload Template file. It is available for state use if desired.<br>If the code is numeric and contains leading zeros, ensure that the leading zeros* are retained after each save. Save the file but do not close it before uploading it in Educator Portal because any special formatting will likely be lost, i.e., leading zeros. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| Column Letter in Enrollment File | Field | Format; Length | Required | Definition | Special Notes |
|---|---|---|---|---|---|
| C | Attendance_District_Identifier | Alphanumeric; 30 | Yes | The unique code assigned to the district where the student attends school and identifies the parent organization for a school (such as the school district) | Use a code from the District Number column (Column D in the state organizational table). An entry in the template must be identical to a district code in the organizational table.<br>If a code is numeric and contains leading zeros, ensure that the leading zeros* are retained after each save. Save the file but do not close it before uploading it in Educator Portal because any special formatting will likely be lost, i.e., leading zeros.<br>Note: The Accountability District Identifier only becomes required if the Accountability School Identifier code is entered in column B. |
| D | Attendance_School_Identifier | Alphanumeric; 10 | Yes | The school code (typically four digits) or other location identifier that represents where the student attends school (i.e., the school whose staff will access the student information, including the student username and password for Student Portal) | Use a School Number provided in the state organizational table (Column B in the state organizational table).<br>If the code is numeric and contains leading zeros, ensure the leading zeros* are retained in the attendance school program identifier. The number for the attendance school must exactly match a number in the organization table or the file upload will fail. Save the file but do not close it before uploading it in Educator Portal because any special formatting will likely be lost, i.e., leading zeros. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| Column Letter in Enrollment File | Field | Format; Length | Required | Definition | Special Notes |
|---|---|---|---|---|---|
| E | School_Year | YYYY; 4 | Yes | The ending year of the current school year (e.g., for the 2022–2023 school year, enter 2023) | Use 2023. |
| F | State_Student_ Identifier | Numeric; 10 | Yes | The student's state identifier | If the code is numeric and contains leading zeros, ensure the leading zeros* are retained in a student's local student identifier. Save the file but do not close it before uploading it in Educator Portal because any special formatting will likely be lost, i.e., leading zeros.<br>The State Student Identifier may appear on the Individual Student Score Report, depending on state policy. |
| G | Local_Student_ Identifier | Alphanumeric; 10 | No | The unique code assigned to the student by the school or local education agency | If the code is numeric and contains leading zeros, ensure the leading zeros* are retained in a student's local student identifier. Save the file but do not close it before uploading it in Educator Portal because any special formatting will likely be lost, i.e., leading zeros. |
| H | Student_Legal_ First_Name | Alphanumeric; 60 | Yes | The student's first name | Use spaces, accent marks, and hyphenation where needed.<br>This entry will appear on the Individual Student Score Report. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| Column Letter in Enrollment File | Field | Format; Length | Required | Definition | Special Notes |
|---|---|---|---|---|---|
| I | Student_Legal_ Last_Name | Alphanumeric; 60 | Yes | The student's last name | Use spaces, accent marks, and hyphenation where needed.<br>This entry will appear on the Individual Student Score Report. |
| J | Student_Legal_ Middle_Name | Alphanumeric; 60 | No | The student's middle name | If this field is entered, this entry will appear on the Individual Student Score Report.<br>Use spaces and hyphenation where needed. |
| K | Generation_Code | Alphanumeric; 10 | No | The part of the student's name used to denote the generation in the student's family (e.g., Jr., Sr., III) | If this field is entered, this entry will appear on the Individual Student Score Report. |
| L | Gender | Numeric; 1<br>0 = Female<br>1 = Male<br>2 = Nonbinary/ undesignated | Yes | The student's gender | State policy in each state determines the gender codes available to use in the Enrollment Template Upload. Use of any other code will generate an error at the time of the upload. |
| M | Date_of_Birth | MM/DD/YYYY ; 10 | Yes | The date (month, day, and year) of the student's birth | Two-digit month/two-digit day/four-digit year |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| Column Letter in Enrollment File | Field | Format; Length | Required | Definition | Special Notes |
|---|---|---|---|---|---|
| N | Current_Grade_ Level | Numeric; 2<br>3–12<br>**Do NOT use leading zeros in single number grades, e.g., 3.** | Yes | The grade level at which a student enters and receives services in a school or an educational institution during a given academic session (e.g., 3 is grade 3, 11 is grade 11) | Some states provide a birthdate chart to help data managers align the student's age with the grade to be assessed. Data managers should refer to their state's DLM webpage. In the search feature, type birthdate chart. Select the one appropriate for your state.<br>The grade entered will appear on the Individual Student Score Report. |
| O | School_Entry_Date | MM/DD/YYYY ; 10 | Yes | The date (month, day, and year) on which the student enrolls and begins to receive instructional services in a school. If the student leaves and then reenrolls, this date is to reflect the most recent enrollment date. | Two-digit month/two-digit day/four-digit year<br>This entry **cannot** be left blank.<br>If date is unknown and a fictitious date is entered to satisfy the field, this date should be as realistic and accurate as possible.<br>If the student leaves and then reenrolls, this date is to reflect the most recent enrollment date. |
| P | District_Entry_Date | MM/DD/YYYY ; 10 | No | The date (month, day, and year) on which the student enrolls and begins to receive instructional services in a school district | Two-digit month/two-digit day/four-digit year<br>If unknown, this entry can be left blank. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| Column Letter in Enrollment File | Field | Format; Length | Required | Definition | Special Notes |
|---|---|---|---|---|---|
| Q | State_Entry_Date | MM/DD/YYYY ; 10 | No | The date (month, day, and year) on which the student enrolls and begins to receive instructional services in the state. If the student leaves the state and then reenrolls in school, this date is to reflect the most recent enrollment date. | Two-digit month/two-digit day/four-digit year<br>If unknown, this entry can be left blank. |
| R | Comprehensive_ Race | Numeric; 1 | Yes | General racial category (or categories) that most clearly reflects the individual's recognition of their racial background | A table of potential values is provided on page **Error! Bookmark not defined.** of this manual. |
| S | Primary_Disability_ Code | Alpha; 2 letters for each code | Yes | Indicates whether the student has an active IEP under the Individuals with Disabilities Education Act (IDEA—Part B) | Each entry is alpha (e.g., AM is Autism, DB is Deaf/blindness). Tables of potential values are provided on page **Error! Bookmark not defined.** of this manual. |
| T | Gifted_Student | Alpha; 5<br><br>TRUE or FALSE | No | Indicates whether the student has an active IEP for giftedness | **Must leave blank** for students taking the DLM assessments. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| Column Letter in Enrollment File | Field | Format; Length | Required | Definition | Special Notes |
|---|---|---|---|---|---|
| U | Hispanic_Ethnicity | Alphanumeric | Yes | The code that reflects the individual's recognition of their Hispanic ethnicity background (Yes or No) | |
| V | First_Language | Alphanumeric; 1 or 2 | No | The code for the primary language or dialect (not ethnicity) of the student | Tables of potential values are provided on page 12 of this manual. |
| W | ESOL_Participation_ Code | Numeric; 1 number only | Yes | The number entered identifies the type of ESOL program in which the student participates. | English for Speakers of Other Languages (ESOL). A table of potential values is provided on page **Error! Bookmark not defined.** of this manual. |
| X | Assessment_ Program_1 | Alphanumeric; 30 | Yes | The code to enable the DLM system for the student | Enter the code DLM in all caps. |
| Y | Assessment_ Program_2 | Alphanumeric; 30 | No | Allows the student to be assigned to an additional assessment program | **Must leave blank.** |
| Z | Assessment_ Program_3 | Alphanumeric; 30 | No | Allows the student to be assigned to an additional assessment program | **Must leave blank.** |

**APPENDIX A**
**DLM Data Elements**
**Continued**

**Comprehensive Race**

| Entry | Definition |
|---|---|
| 1 | White |
| 2 | African American |
| 4 | Asian |
| 5 | American Indian |
| 6 | Alaska Native |
| 7 | Two or More Races |
| 8 | Native Hawaiian or Pacific Islander |

**First Language**

| Entry | Definition |
|---|---|
| 0 | English |
| 1 | Chinese (Mandarin or Cantonese) |
| 2 | Dinka (Sudanese) |
| 3 | French |
| 4 | High German |
| 5 | Hmong |
| 6 | Khmer (Cambodian) |
| 7 | Korean |
| 8 | Lao |
| 10 | Filipino or Tagalog (Philippines) |
| 11 | Russian |
| 13 | Spanish |
| 14 | Vietnamese |
| 15 | Arabic |
| 16 | Other |
| 17 | Somali |
| 18 | Thai |
| 19 | Portuguese |
| 20 | Farsi (Iranian) |
| 21 | Chuukese (e.g., Marshall Island, Micronesian) |
| 22 | Bosnian |
| 23 | Burmese |

| Entry | Definition |
|---|---|
| 24 | Hindi |
| 25 | Urdu |
| 26 | Swahili |
| 27 | Nepali |
| 28 | American Sign Language (ASL) |
| 29 | Serb |
| 30 | Croatian |
| 31 | Turkish |
| 32 | Karen languages (e.g., Burma, Myanmar) |
| 33 | Haitian/Haitian Creole |
| 34 | Gujarati |
| 35 | Punjabi |
| 36 | Pashto |
| 37 | Dari |
| 38 | Quiche |
| 39 | Mam |
| 40 | Ilokano |
| 41 | Visayan |
| 42 | Low German |
| 43 | Other signed language |
| 44 | English—with other language background |
| 45 | Native American languages |

**APPENDIX A**
**DLM Data Elements**
**Continued**

**Primary Disability Code**

| Entry | Definition |
|---|---|
| AM | Autism |
| DB | Deaf/blindness |
| DD | Developmentally delayed (ages 3–9 only) |
| ED | Emotional disturbance |
| HI | Hearing impairment |
| ID | Intellectual disability |
| LD | Specific learning disability |
| MD | Multiple disabilities |
| EI | Eligible individual |
| DA | Decline to answer |
| ND | No disability |
| OH | Other health impairment |
| OI | Orthopedic impairment |
| SL | Speech or language impairment |
| TB | Traumatic brain injury |
| VI | Visual impairment |
| WD | Documented disability |

**English for Speakers of Other Languages (ESOL_Participation_Code)**

| Entry | Definition |
|---|---|
| 0 | Neither an ESOL-eligible student nor an ESOL-monitored student |
| 1 | Title III Funded |
| 2 | State ESOL/bilingual funded |
| 3 | Both Title III and state ESOL/bilingual funded |
| 4 | Monitored ESOL student |
| 5 | Eligible for ESOL program based on an English language proficiency test but not currently receiving ESOL program services. Example: A child's parents/guardians have waived them out of ESOL services, but the district is still obligated to provide ESOL support. |
| 6 | Receives ESOL services and not funded with Title III and/or state ESOL funding |

**APPENDIX A**
**DLM Data Elements**
**Continued**

**Test, Exit, and Clear Field Definitions**

| | Field | Format; Length | Required | Description | Special Notes |
|---|---|---|---|---|---|
| A | Record_Type | Alpha:<br>Test<br>Exit<br>Clear | Yes | Each record in the TEC Upload Template file will have one of the following types:<br>Test—**not** used by DLM users<br>Exit—marks the student to be removed from enrollment in a location<br>Clear—**not** used by DLM users | For DLM alternate assessment, choose **Exit**.<br>Do not use Test or Clear. |
| B | State_Student_ Identifier | Numeric; 10 | Yes | Student State Identifier | Include leading zeros if the code is numeric and contains leading zeros.<br>Ensure leading zeros are entered where appropriate.<br>Hint: Excel has several CSV format choices. DLM users must choose CSV (comma-delimited) format.* |
| C | Attendance_ School_ Program_ Identifier | Alphanumeric; 30 | Yes | This identifier must match a School Number found in Column B of the organization file. The number may include alpha characters. This is the school whose staff accesses the student information, including the student username and password for Student Portal. | Find the organizational file on your state DLM webpage. |

Contractor Initials: AMR

Date: 03/28/24

**APPENDIX A**
**DLM Data Elements**
**Continued**

| | Field | Format; Length | Required | Description | Special Notes |
|---|---|---|---|---|---|
| D | Exit_Reason | Numeric; 2 | Yes | | Go to the Exit_Reason Field table on page **Error! Bookmark not defined.** of this manual.<br>NOTE: Some states allow only certain exit codes to be used. Ask your assessment coordinator for those codes. If an exit code is used that is not allowed in your state, the upload will fail, and the following error reason will appear: "This record is rejected because exit code 'xx' is not valid in your state." |
| E | Exit_Date | MM/DD/YYYY | Yes | The date on which the exit is effective | |
| F | Test_Type | Alphanumeric; 1 | No | The type of test. DLM users must leave this cell blank. | Test Type must be left **blank.** |
| G | Subject | Alpha; 3 | No | DLM users must leave this cell blank. | Leave the subject field **blank.** |
| H | School_Year | YYYY | Yes | The school year for which the change is effective. | Use 2023. |

Contractor Initials: AMR
Date: 03/28/24

**APPENDIX A**
**DLM Data Elements**
**Continued**

**Exit_Reason Field**

| Entry | Definition |
|---|---|
| 1 | Transfer to public school, same district |
| 2 | Transfer to public school, different district, same state |
| 3 | Transfer to public school, different state |
| 4 | Transfer to an accredited private school |
| 5 | Transfer to a non-accredited private school |
| 6 | Transfer to homeschooling |
| 7 | Matriculation to another school |
| 8 | Graduated with regular diploma |
| 9 | Completed school with other credentials (e.g., district-awarded GED) |
| 10 | Student death |
| 11 | Student illness |
| 12 | Student expulsion (or long-term suspension) |

| Entry | Definition |
|---|---|
| 13 | Reached maximum age for services |
| 14 | Discontinued schooling |
| 15 | Transfer to accredited or non-accredited juvenile correctional facility—educational services provided |
| 16 | Moved within the United States, not known to be enrolled in school |
| 17 | Unknown |
| 18 | Student data claimed in error/never attended |
| 19 | Transfer to an adult education facility (e.g., for GED completion) |
| 20 | Transfer to a juvenile or adult correctional facility—no educational services provided |
| 21 | Student moved to another country—may or may not be continuing enrollment |
| 30 | Student does not meet eligibility criteria for alternate assessment |
| 98 | Unresolved exit |
| 99 | Undo a previously submitted exit record |

**APPENDIX A**
**DLM Data Elements**
**Continued**

**Roster Field Definitions**

| CSV Column | Column Heading | Data Required | Format or Valid Entries | Definition |
|---|---|---|---|---|
| A | Roster_Name | Yes | Alphanumeric | The name for the roster |
| B | Subject | Yes | Alphanumeric | Use only the following subject abbreviations. No other abbreviations will be accepted.<br>Use only the entries for subjects assessed in your state. The file upload will be rejected if any subject is added that is not tested in your state.<br>M = Mathematics<br>ELA = English language arts<br>SCI = Science<br>SS = Social Studies |
| C | Course | No | Alphanumeric | Some states assess an end-of-instruction biology course in high school. Verify with the assessment coordinator regarding courses within a subject (e.g., subject: science, course: biology). Only include if a course is assessed in your state or the file upload will be rejected. |
| D | Attendance_ School_Identifier | Yes | Alphanumeric up to 10 | Identification codes assigned by the state (or other organization) that indicate where the student attends school.<br>The School Identifier code entered in the Roster Upload Template file must match **exactly** a School Identifier code (Column B) in the state organizational table located on your state's DLM webpage.<br>If the codes do not match exactly, the upload will fail.<br>Ensure leading zeros are entered where appropriate. Excel has several CSV format choices. DLM users must choose CSV (comma-delimited) format.* |
| E | School_Year | Yes | YYYY | The four-digit year that concludes the current school year (e.g., for the 2022–2023 school year, enter 2023) |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| CSV Column | Column Heading | Data Required | Format or Valid Entries | Definition |
|---|---|---|---|---|
| F | State_Student_ Identifier | Yes | Numeric up to 10 | A State Student Identifier in the Roster Upload Template file must match **exactly** a State Student Identifier in a student's enrollment record in Educator Portal. If the two do not match exactly, the roster record will fail to upload.<br>Ensure leading zeros are entered where appropriate.<br>Excel has several CSV format choices. DLM users must choose CSV (comma-delimited) format.* |
| G | Local_Student_ Identifier | No | Numeric up to 10 | This is not a required field and can be left blank. However, if entered, a Local Student Identifier in the Roster Upload Template file must match **exactly** a Local Student Identifier in a student's enrollment record in Educator Portal. If the two do not match exactly, the record will fail to upload.<br>Ensure leading zeros are entered where appropriate.<br>Excel has several CSV format choices. DLM users must choose CSV (comma-delimited) format.* |
| H | Student_Legal_ First_Name | Yes | Alphanumeric | A student's first name in the Roster Upload Template file must match **exactly** a student's first name in a student's enrollment record in Educator Portal. If the two do not match exactly, the record will fail to upload. |
| I | Student_Legal_ Last_Name | Yes | Alphanumeric | A student's last name in the Roster Upload Template file must match **exactly** a student's last name in a student's enrollment record in Educator Portal. If the two do not match exactly, the record will fail to upload. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| CSV Column | Column Heading | Data Required | Format or Valid Entries | Definition |
|---|---|---|---|---|
| J | Educator_ Identifier | Yes | Alphanumeric | This is a required field for a user with the Educator Portal role of Teacher (TEA).<br><br>A teacher's Educator Identifier in the Roster Upload Template file must match **exactly** an Educator Identifier in an educator's account in Educator Portal. If the two do not match exactly, the record will fail to upload. |
| K | Educator_Legal_ First_Name | Yes | Alphanumeric | The educator's first name entered in the Roster Upload Template file must match **exactly** the educator's first name in the educator's account in Educator Portal. If the two do not match exactly, the record will fail to upload. |
| L | Educator_Legal_ Last_Name | Yes | Alphanumeric | The educator's last name entered in the Roster Upload Template file must match **exactly** the educator's last name in the educator's account in Educator Portal. If the two do not match exactly, the record will fail to upload. |
| M | Remove_From_ Roster | No | Remove or leave blank | If a student is no longer to be rostered to a teacher, the student can be removed from a previously created roster by typing REMOVE in column M. Otherwise, the field should remain blank.<br><br>NOTE: A roster can also be removed manually using the user interface. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

**Accessibility Supports**

| Display Enhancements | Definition |
|---|---|
| **Magnification** | Allows test administrators to choose the degree of screen magnification during assessment. Test administrators can choose between a magnification of 2x, 3x, 4x, or 5x. Without magnification, the font is Report School, 22-point size. Scrolling may be required when the level of magnification is increased because the entire item may no longer be visible on the screen. Scrolling will vary according to the level of magnification, the amount of content in the item, and the size of the screen. |
| **Overlay Color** | The default background color of the assessment is white. Test administrators may select from the alternate colors of blue, gray, green, pink, and yellow. Practice demo testlets have specific presets, but more options are provided in the PNP Profile and actual live testlets. |
| **Invert Color Choice** | Makes the background color black and the font white. Images display with a white background. |
| **Contrast Color** | Allows test administrators to choose from color schemes for the background and font. |
| **Language and Braille** | |
| **Braille** | The DLM Alternate Assessment System supplies braille forms for some Essential Elements at the upper linkage levels.<br>The test administrator selects the appropriate braille form in the student's PNP Profile. Science braille forms are available in:<br>• English Braille American Edition (EBAE) for ELA, with Nemeth code for mathematics and science<br>• Unified English Braille (UEB) for ELA, mathematics, and science<br>• Unified English Braille (UEB) for ELA, with Nemeth code for mathematics and science |
| **Spoken Audio** | Synthetic Spoken Audio (read aloud with highlighting) is read from left to right and top to bottom. Three preferences are available for Spoken Audio: text only, text and graphics, and nonvisual. The nonvisual preference also describes page layout for students who are blind or have visual impairments. |
| **Audio and Environment Support** | |
| **Single Switch System** | This support is activated using one switch and a switch interface that emulates the Enter key on the keyboard. In the PNP Profile, test administrators can set scan speed, indicate if scanning is to begin automatically when the page appears, and select the number of times the scan cycle repeats before stopping. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

## Other Supports

*Additional Supports in the Personal Needs and Preferences Profile*

| Other Supports | Definition |
|---|---|
| Alternate Form-Visual Impairment | Most testlets are designed for all students taking the DLM alternate assessment. For a limited number of Essential Elements and linkage levels, alternate forms are provided for students with visual impairments. These testlets are teacher-administered (not braille). When alternate forms are available, selecting this option will direct Student Portal to deliver that form. Alternate forms are not available for all Essential Elements at all linkage levels. When unavailable, a standard form will be delivered. |
| Two-switch system | Student Portal automatically supports two-switch step scanning with a switch interface in which one switch is set up to emulate the Tab key to move between choices and the other switch is set up to emulate the Enter key to select the choice when highlighted. Test administrators record two-switch scanning in PNP Profile settings. |
| Individualized manipulatives | Test administrators may use manipulatives that are familiar to students (e.g., abacus, counters, interlocking blocks, linking letters, unit cubes). |
| Calculator | Students may use a calculator unless the TIP indicates a calculator may not be used. |
| Human read aloud | Test administrators may always read the assessment aloud to students. When a student receives an Alternate Form-Visual Impairment form testlet, its TIP will include alternate text as additional pages after the main TIP for the test administrator to read aloud to the student. The alternate text includes descriptions of graphics and of images. |
| Sign interpretation | For students whose primary mode of receptive communication is sign language, test administrators may sign the assessment to the student using American Sign Language (ASL), Signed Exact English, or personalized sign systems. Sign language interpreters use the alternate text provided in the TIP for picture descriptions. |
| Language translation | For students who are English language learners and whose best expressive or receptive communication is a language other than English, test administrators may translate the assessment for the student. The Kite system does not provide language translations. State policy determines whether language translation can be used. |
| Masking | Masking is not an option in Student Portal, but it is an acceptable support for students with visual impairments. Test administrators may use a piece of paper to cover portions of the screen to reduce visual clutter without otherwise affecting the information or number of response options. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

| Other Supports | Definition |
|---|---|
| Test administrator enters responses for student | If students are unable to select response options themselves, they may indicate their responses through normal response types and forms of communication, such as eye gaze or gesture. Test administrators may then key in those responses. This option is to be used only when students are unable to record their responses independently and accurately in Student Portal. |
| Partner-assisted scanning | Partner-assisted scanning is a support in which test administrators assist students with scanning students' response options. Students indicate when their desired responses are presented. Test administrators record partner-assisted scanning in PNP Profile settings. |

**APPENDIX A**
**DLM Data Elements**
**Continued**

**First Contact Survey Questions**
**Last updated: 3/10/16**

**Special Education Services**

Select the student's Primary Disability

- autism
- deaf-blindness
- deafness
- developmental delay
- emotional disturbance
- hearing impairment
- intellectual disability
- multiple disabilities
- orthopedic impairment
- other health impairment
- specific learning disability
- speech or language impairment
- traumatic brain injury
- visual impairment, including blindness
- non-categorical
- eligible individual

Educational Placement: Choose the option that best describes the student's educational placement. "Regular Class" means a typical classroom, not a resource room or separate class.

- 80% or more of the day in Regular Class
- 40% to 79% of the day in Regular Class
- Less than 40% of the day in Regular Class
- Separate School: includes public or private separate day school for students with disabilities, at public school expense
- Residential Facility: includes public or private separate residential school for students with disabilities, at public school expense
- Homebound/Hospital Environment: includes students placed in and receiving special education in a hospital or homebound program

Sensory Capabilities
**Hearing**

Hearing

- No hearing loss suspected/documented
- Questionable hearing but testing inconclusive
- Deaf or hard of hearing

Classification of Hearing Impairment

- Mild (26–40 dB loss)
- Moderate (41–55 dB loss)
- Moderately Severe (56–70 dB loss)

- Severe (71–90 dB loss)
- Profound (91+ dB loss)
- Unknown

Hearing: Mark all that apply

- Uses personal or classroom amplification (e.g., personal FM device)
- Uses unilateral hearing aid
- Uses bilateral hearing aid
- Has cochlear implant
- Uses oral language
- Uses sign language

**Vision**

Vision

- No vision loss suspected or documented
- Normal vision with glasses or contact lenses
- Blind or low vision, including vision that is not completely corrected with glasses or contact lenses
- Questionable vision but testing inconclusive

Classification of Visual Impairment: Mark all that apply

- Low Vision (acuity of 20/70 to 20/200 in the better eye with correction)
- Legally Blind (acuity of 20/200 or less or field loss to 20 degrees or less in the better eye with correction)
- Light Perception Only
- Totally Blind
- Cortical Visual Impairment

Vision: Mark all that apply

- Requires enlarged print
- Requires tactile media (objects, tactile graphics, and tactile symbols)
- Requires or uses Braille
    - Uncontracted Braille
    - Contracted Braille
    - UEB

Technological Visual Aids: Mark all that apply

- Screen magnification device (fits over standard monitor) or software (e.g., close view for Mac, ZoomText)
- CCTV
- Screen reader and/or talking word processor
- Manual (e.g., Perkins Brailler) or Electronic (e.g., Mountbatten Brailler) Braille writing device
- Device with refreshable Braille display

**APPENDIX A**
**DLM Data Elements**
**Continued**

Motor Capabilities and Health

**Arm/Hand Control and Health**

Arm and hand control: Mark all that apply

- Uses two hands together to perform tasks
- Uses only one hand to perform tasks
- Requires physical assistance to perform tasks with hands
- Cannot use hands to complete tasks even with assistance

Does the student have any health issues (e.g., fragile medical condition, seizures, therapy or treatment that prevents the student from accessing instruction, medications, etc.) that interfere with instruction or assessment?

- No
- Yes

Computer Instruction

**Computer Use and Instruction**

Computer Use: Select the student's primary use of a computer during instruction

- Accesses a computer independently
- Accesses a computer independently given assistive technology
- Uses a computer with human support (with or without assistive technology)
- This student has not had the opportunity to access a computer
- This student cannot access a computer with human or assistive technology support

Why has this student not had the opportunity to access a computer during instruction?

- Student's disability prevents the student from accessing a computer
- The equipment is unavailable
- Student refuses to try to use a computer
- I (or other educators) at this school have not had the opportunity to instruct the student on computer usage

Computer access during instruction: Mark all that apply

- Standard computer keyboard
- Keyboard with large keys or alternative keyboard (e.g., Intellikeys)
- Touch screen (e.g., touch screen computer, tablet, iPad, iPod touch)
- Standard mouse or head mouse
- Eye gaze technology (e.g., Tobii, EyeGaze Edge)
- Scanning with switches (one- or two-switch scanning)

Level of attention to computer-directed instruction

- Generally sustains attention to computer-directed instruction
- Demonstrates fleeting attention to computer-directed instructional activities and requires repeated bids or prompts for attention
- Demonstrates little or no attention to computer-directed instructional activities

Level of attention to teacher-directed instruction

- Generally sustains attention to teacher-directed instruction
- Demonstrates fleeting attention to teacher-directed instructional activities and requires repeated bids or prompts for attention
- Demonstrates little or no attention to teacher-directed instructional activities

Communication

**Expressive Communication**

*Does the student use speech to meet expressive communication needs?

- Yes
- No

*Choose the highest statement that describes the student's expressive communication with speech

- Regularly combines 3 or more spoken words according to grammatical rules to accomplish a variety of communicative purposes (e.g., sharing complex information, asking/answering longer questions, giving directions to another person)
- Usually uses 2 spoken words at a time to meet a variety of more complex communicative purposes (e.g., obtaining things including absent objects, social expressions beyond greetings, sharing information, directing another person's attention, asking/answering questions, and commenting)
- Usually uses only 1 spoken word at a time to meet a limited number of simple communicative purposes (e.g., refusing/rejecting things, making choices, requesting attention, greeting, and labeling)

*Does the student use sign language in addition to or in place of speech to meet expressive communication needs?

- Yes
- No

*Choose the highest statement that describes the student's expressive communication with sign language

- Regularly combines 3 or more signed words according to grammatical rules to accomplish a variety of communicative purposes (e.g., sharing complex information, asking/answering longer questions, giving directions to another person)
- Usually uses 2 signed words at a time to meet a variety of more complex communicative purposes (e.g., obtaining things including absent objects, social expressions beyond greetings, sharing information, directing another person's attention, asking/answering brief questions, and commenting)
- Usually uses only 1 signed word at a time to meet a limited number of simple communicative purposes (e.g., refusing/rejecting things, making choices, requesting attention, greeting, and labeling)

Select the student's primary sign system

- American Sign Language (ASL)
- Signed Exact English (SEE)
- Hybrid or idiosyncratic/personalized signing system

**Alternate Communication**

*Does the student use augmentative or alternative communication in addition to or in place of speech or sign language to meet expressive communication needs?

- Yes
- No

Choose the highest statement that describes the student's expressive communication with augmentative or alternative communication

- Regularly combines 3 or more symbols according to grammatical rules to accomplish the 4 major communicative purposes (e.g., expressing needs and wants, developing social closeness, exchanging information, and fulfilling social etiquette routines)
- Usually uses 2 symbols at a time to meet a variety of more complex communicative purposes (e.g., obtaining things including absent objects, social expressions beyond greetings, sharing information, directing another person's attention, asking/answering brief questions, commenting)
- Usually uses only 1 symbol to meet a limited number of simple communicative purposes (e.g., refusing/rejecting things, making choices, requesting attention, greeting)

**Augmentative or alternative communication**

How many symbols does the student choose from when communicating? (choose the highest that applies)

- 1 or 2 at a time
- 3 or 4 at a time
- 5 to 9 at a time
- 10 or more at a time

What types of symbols does the student use? (choose all that apply)

- Real objects
- Tactual symbols
- Photos
- Line drawing symbol sets (Boardmaker, PCS, Symbol Stix, other)
- Text Only

What voice output technology does the student use? (choose all that apply)

- Single message devices (e.g., BIGmac)
- Simple devices (e.g., GoTalk; QuickTalker; SuperTalker)
- Speech generating device (e.g., Tobii-DynaVox, PRC/PrentkeRomich)
- None

If the student does not use speech, sign language, or augmentative or alternative communication, which of the following statements best describes the student's expressive communication? Choose the highest statement that applies

- Uses conventional gestures (e.g., waving, nodding and shaking head, thumbs up/down), looking, pointing, and/or vocalizations to communicate intentionally but does not yet use symbols or sign language
- Uses only unconventional vocalizations (e.g., grunts), unconventional gestures (e.g., opening mouth wide to indicate hunger), and/or body movement to communicate intentionally
- Exhibits behaviors that may be reflexive and are not intentionally communicative but can be interpreted by others as communication (e.g., crying, laughing, reaching for an object, pushing an object away)

**APPENDIX A**
**DLM Data Elements**
**Continued**

**Receptive Communication**

Receptive communication: MARK EACH ONE to show how consistently the student uses each skill. (1) 0% to 20% of the time = Almost never, (2) 21% to 50% of the time = Occasionally, (3) 51% to 80% of the time = Frequently, (4) More than 80% of the time = Consistently.

If the student previously demonstrated and no longer receives instruction, mark "More than 80%."

A. Can point to, look at, or touch things in the immediate vicinity when asked (e.g., pictures, objects, body parts)
B. Can perform simple actions, movements or activities when asked (e.g., comes to teacher's location, gives an object to teacher or peer, locates or retrieves an object)
C. Responds appropriately in any modality (sign, gestures, facial expressions) when offered a favored item that is not present or visible (e.g., "do you want some ice cream?")
D. Responds appropriately in any modality (sign, gestures, facial expressions) to single words that are spoken or signed
E. Responds appropriately in any modality (sign, gestures, facial expressions) to phrases and sentences that are spoken or signed
F. Follows two-step directions presented verbally or through sign (e.g., gets a worksheet or journal and begins to work, distributes items needed by peers for a lesson or activity, looks at requested or desired item and then looks at location where it should go)

Language
**Primary Language**

Is English the student's primary language?

- Yes
- No

Is English the primary language spoken in the student's home?

- Yes
- No
- Unknown

Is English the primary language used for the student's instruction?

- Yes
- No

Academic
***Reading Skills – Entire Section is Required**

Reading skills: MARK EACH ONE to show how consistently the student uses each skill. (1) 0% to 20% of the time = Almost never, (2) 21% to 50% of the time = Occasionally, (3) 51% to 80% of the time = Frequently, (4) More than 80% of the time = Consistently.

If the student previously demonstrated and no longer receives instruction, mark "More than 80%."

A. Recognizes single symbols presented visually or tactually (e.g., letters, numerals, environmental signs such as restroom symbols, logos, trademarks, or business signs such as fast-food restaurants)

**APPENDIX A**
**DLM Data Elements**
**Continued**

B. Understands purpose of print or Braille but not necessarily by manipulating a book (e.g., knows correct orientation, can find beginning of text, understands purpose of text in print or Braille, enjoys being read to)
C. Matches sounds to symbols or signs to symbols (e.g., matches sounds to letters presented visually or tactually, matches spoken or signed words to written words)
D. Reads words, phrases, or sentences in print or Braille when symbols are provided with the words
E. Identifies individual words without symbol support (e.g., recognizes words in print or Braille; can choose correct word using eye gaze)
F. Reads text presented in print or Braille without symbol support but WITHOUT comprehension
G. Reads text presented in print or Braille without symbol support and WITH comprehension (e.g., locates answers in text, reads and answers questions, retells after reading, completes maze task)
H. Explains or elaborates on text read in print or Braille

**APPENDIX A**
**DLM Data Elements**
**Continued**

**Reading Skills**

Student's approximate instructional level of reading text with comprehension (print or braille): Mark the highest one that applies

- Above third grade level
- Above second grade level to third grade level
- Above first grade level to second grade level
- Primer to first grade level
- Reads only a few words or up to pre-primer level
- Does not read any words when presented in print or Braille (not including environmental signs or logos)

***Math Skills Entire Section is required**

Math skills: MARK EACH ONE to show how consistently the student uses each skill. (1) 0% to 20% of the time = Almost never, (2) 21% to 50% of the time = Occasionally, (3) 51% to 80% of the time = Frequently, (4) More than 80% of the time = Consistently.

If the student previously demonstrated and no longer receives instruction, mark "More than 80%."

A. Creates or matches patterns of objects or images
B. Identifies simple shapes in 2 or 3 dimensions (e.g., square, circle, triangle, cube, sphere)
C. Sorts objects by common properties (e.g., color, size, shape)
D. Counts more than two objects
E. Adds or subtracts by joining or separating groups of objects
F. Adds and/or subtracts using numerals
G. Forms groups of objects for multiplication or division
H. Multiplies and/or divides using numerals
I. Uses an abacus
J. Uses a calculator
K. Tells time using an analog or digital clock
L. Uses common measuring tools (e.g., ruler or measuring cup)
M. Uses a schedule, agenda, or calendar to identify or anticipate sequence of activities

***Writing Skills Entire Section is Required**

Indicate the highest level that describes the student's writing skills. Choose the highest level that the student has demonstrated even once during instruction, not the highest skill demonstrated consistently.

Writing includes any method the student uses to write using any writing tool that includes access to all 26 letters of the alphabet. Examples of these tools include paper and pencil, traditional keyboards, alternate keyboards and eye-gaze displays of letters.

A. Writes paragraph length text without copying using spelling (with or without word prediction)
B. Writes sentences or complete ideas without copying using spelling (with or without word prediction)
C. Writes words or simple phrases without copying using spelling (with or without word prediction)
D. Writes words using letters to accurately reflect some of the sounds
E. Writes using word banks or picture symbols
F. Writes by copying words or letters
G. Scribbles or randomly writes/selects letters or symbols

**APPENDIX A**
**DLM Data Elements**
**Continued**

***Science Skills Entire Section is required (This section is only visible for states administering the DLM science assessment.)**

Science skills: MARK EACH ONE to show how consistently the student uses each skill. (1) 0% to 20% of the time = Almost never, (2) 21% to 50% of the time = Occasionally, (3) 51% to 80% of the time = Frequently, (4) More than 80% of the time = Consistently.

If the student previously demonstrated and no longer receives instruction, mark "More than 80%."

A. Sorts objects or materials by common properties (e.g., color, size, shape)
B. Identifies similarities and differences
C. Recognizes patterns
D. Compares initial and final conditions to determine if something changed
E. Uses data to answer questions
F. Identifies evidence that supports a claim
G. Identifies cause and effect relationships
H. Uses diagrams to explain phenomena

**End of Survey**

**APPENDIX B**
**DLM Trademarks**

*Updated 2-17-2023*

| Mark | Registration Number | Serial Number | Class |
|---|---|---|---|
| Kansas Interactive Testing Engine | **4,381,381** | **85/600923** | **41** |
|  | **4,934,788** | **86/054,571** | **41** |
| KITE | **5041281** | **85/600,930** | **41** |
| Kite®<br>Futura Std Book font | **Pending** | **Pending** | **41** |
|  | **6,232,937** | **88946237** | **41** |
| DLM®<br>Futura Std Book font | **4,685,047** | **85/600,901** | **16** |
| DLM®<br>Futura Std Book font | **4,389,031** | **85/600,894** | **41** |

AMR
Contractor Initials AMR

**APPENDIX B**
**DLM Trademarks**
**Continued**

| | | | |
|---|---|---|---|
|   | **4,572,859** | **85/601,171** | **41** |
|   | **4,572,860** | **85/601,181** | **16** |
| Dynamic Learning Maps® Futura Std Book font | **4,572,857** | **85/600,886** | **41** |
| Dynamic Learning Maps® Futura Std Book font | **4,572,856** | **85/600,868** | **16** |

Contractor Initials: AMR



Date: 03/28/24

# CERTIFICATE OF ATTESTATION

Corporation

I, Belinda Sturm (Name of Officer of Corporation), **hereby certify** that I am the duly appointed Officer of University of Kansas Center for Research, Inc. (Corporation Name). I hereby certify that Alicia Reed (Name of Contract Signatory), Director, Research Administration, University of Kansas Center for Research, Inc. (Title of Contract Signatory), is duly authorized to execute contracts on behalf of University of Kansas Center for Research, Inc. (Corporation Name) and may bind the company thereby.

**I hereby certify** that said authority has not been amended or repealed and remains in full force and effect as of the date of the contract to which this certificate is attached. This authority **remains valid for thirty (30)** days. I further certify that it is understood that the State of New Hampshire will rely on this certificate as evidence that the person(s) listed above currently occupy the position(s) indicated and that they have full authority to bind the corporation. To the extent that there are any limits on the authority of any listed individual to bind the corporation in contracts with the State of New Hampshire, all such limitations are expressly stated herein.

**DATED:** 03/27/24 **ATTEST:** Belinda Sturm (Mar 27, 2024 13:17 CDT) (Signature of Officer of Corporation), Interim Vice Chancellor for Research, University of Kansas Center for Research, Inc. (Title of Officer of Corporation)

# State of New Hampshire

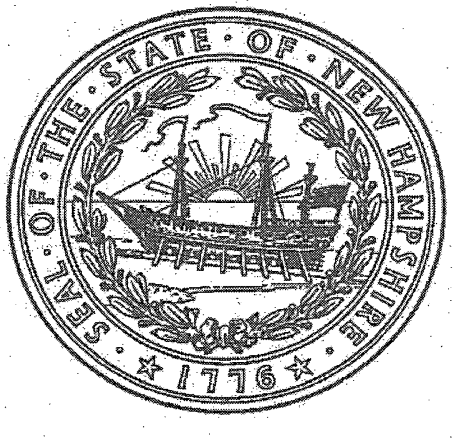
# Department of State

CERTIFICATE

I, David M. Scanlan, Secretary of State of the State of New Hampshire, do hereby certify that UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC. is a Kansas Nonprofit Corporation registered to transact business in New Hampshire on October 20, 2014. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: **716395**

Certificate Number: **0006565331**




IN TESTIMONY WHEREOF,

I hereto set my hand and cause to be affixed the Seal of the State of New Hampshire, this 5th day of February A.D. 2024.

David M. Scanlan

Secretary of State

# Business Information

## Business Details

| | | | |
|---|---|---|---|
| Business Name: | UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC. | Business ID: | 716395 |
| Business Type: | Foreign Nonprofit Corporation | Business Status: | Good Standing |
| Business Creation Date: | 10/20/2014 | Name in State of Incorporation: | UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC. |
| Date of Formation in Jurisdiction: | 10/20/2014 | | |
| Principal Office Address: | 2385 Irving Hill Road, Lawrence, KS, 66045, USA | Mailing Address: | NONE |
| Citizenship / State of Incorporation: | Foreign/Kansas | | |
| | | Last Nonprofit Report Year: | 2020 |
| | | Next Report Year: | 2025 |
| Duration: | Not Stated | | |
| Business Email: | kteel@ku.edu | Phone #: | NONE |
| Notification Email: | kteel@ku.edu | Fiscal Year End Date: | NONE |

## Principal Purpose

| S.No | NAICS Code | NAICS Subcode |
|---|---|---|
| 1 | OTHER / Provide alternative assessments for students with significant cognitive disabilities in grades three through high school. | |

Page 1 of 1, records 1 to 1 of 1

## Principals Information

| Name/Title | Business Address |
|---|---|
| Diane Goddard / Treasurer | 2385 Irving Hill Road, Lawrence, KS, 66045, USA |
| Gina Cregg / Chief Financial Officer | 2385 Irving Hill Road, Lawrence, KS, 66045, USA |
| Simon Atkinson / President | 2385 Irving Hill Road, Lawrence, KS, 66045, USA |
| Douglas Girod / Chairman of the Board of Directors | 2385 Irving Hill Road, Lawrence, KS, 66045, USA |
| Belinda Sturm / Vice President | 2385 Irving Hill Road, Lawrence, KS, 66045, USA |

< Previous ... 1 2 ... Next > Page 1 of 2, records 1 to 5 of 7 Go to Page

## Registered Agent Information

| | |
|---|---|
| Name: | C T Corporation System |
| Registered Office Address: | 2 1/2 Beacon Street, Concord, NH, 03301 - 4447, USA |
| Registered Mailing Address: | 2 1/2 Beacon Street, Concord, NH, 03301 - 4447, USA |

## Trade Name Information

No Trade Name(s) associated to this business.

## Trade Name Owned By

No Records to View.

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 01/16/2024

**THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.**

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

| | |
|---|---|
| **PRODUCER**<br>Arthur J. Gallagher Risk Management Services, LLC<br>235 Highlandia Drive<br>Suite 200<br>Baton Rouge LA 70810 | **CONTACT NAME:** Cheryl Kelley<br>**PHONE (A/C, No, Ext):** 512-652-2461 **FAX (A/C, No):** 512-652-2462<br>**E-MAIL ADDRESS:** cheryl_kelley@ajg.com |
| **INSURED** UNIVOFK-16<br>University of Kansas Center for Research, Inc.<br>2385 Irving Hill Rd., RM 108<br>Lawrence KS 66045 | **INSURER(S) AFFORDING COVERAGE** / **NAIC #**<br>**INSURER A :** Trumbull Insurance Company 27120<br>**INSURER B :** Hartford Casualty Insurance Company 29424<br>**INSURER C :**<br>**INSURER D :**<br>**INSURER E :**<br>**INSURER F :** |

**COVERAGES** **CERTIFICATE NUMBER:** 1505527036 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS | |
|---|---|---|---|---|---|---|---|---|
| A | X COMMERCIAL GENERAL LIABILITY<br>CLAIMS-MADE X OCCUR<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br>X POLICY PRO-JECT LOC<br>OTHER: | | | [redacted] | 7/1/2023 | 7/1/2024 | EACH OCCURRENCE<br>DAMAGE TO RENTED PREMISES (Ea occurrence)<br>MED EXP (Any one person)<br>PERSONAL & ADV INJURY<br>GENERAL AGGREGATE<br>PRODUCTS - COMP/OP AGG<br>$ | $ 1,000,000<br>$ 300,000<br>$ 10,000<br>$ 1,000,000<br>$ 2,000,000<br>$ 2,000,000<br>$ |
| B | AUTOMOBILE LIABILITY<br>X ANY AUTO<br>OWNED AUTOS ONLY / SCHEDULED AUTOS<br>X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY | | | [redacted] | 7/1/2023 | 7/1/2024 | COMBINED SINGLE LIMIT (Ea accident)<br>BODILY INJURY (Per person)<br>BODILY INJURY (Per accident)<br>PROPERTY DAMAGE (Per accident)<br>$ | $ 1,000,000<br>$<br>$<br>$<br>$ |
| B | X UMBRELLA LIAB X OCCUR<br>EXCESS LIAB CLAIMS-MADE<br>DED X RETENTION $ 10,000 | | | [redacted] | 7/1/2023 | 7/1/2024 | EACH OCCURRENCE<br>AGGREGATE<br>$ | $ 5,000,000<br>$ 5,000,000<br>$ |
| | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N<br>ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below | N/A | | | | | PER STATUTE / OTH-ER<br>E.L. EACH ACCIDENT<br>E.L. DISEASE - EA EMPLOYEE<br>E.L. DISEASE - POLICY LIMIT | <br>$<br>$<br>$ |

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)**

**CERTIFICATE HOLDER**

New Hampshire
Dept of Education
25 Hall Street
Concord, NH 03301

**CANCELLATION**

**SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.**

**AUTHORIZED REPRESENTATIVE**

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KU OFFICE OF THE GENERAL COUNSEL
The University of Kansas

April 12, 2022

To Whom It May Concern:

In response to your request for a certificate of insurance for the University of Kansas, please be advised that under the Kansas Tort Claims Act, K.S.A. 75-6101 *et seq.* (the "Act"), the State of Kansas has assumed liability for the negligent or wrongful acts and omissions of its employees and agents acting within the scope of their responsibilities on behalf of the State of Kansas, as outlined in that Act. This includes the University of Kansas and its employees. The liability for claims within the scope of the Act may not exceed Five Hundred Thousand Dollars ($500,000) per occurrence. Additionally, the State is required to indemnify its employees for injury or damages proximately caused by the employee's acts or omissions that fall within the parameters of the Act. The University of Kansas will remain covered by the Act for the duration of the Event.

Further, Kansas's state worker's compensation self-insurance fund, which is wholly self-insured, provides worker's compensation coverage to State employees per K.S.A. 44-575.

I trust that the coverage provided by the Kansas Tort Claims Act and the State Self-Insurance Fund will adequately fulfill the insurance requirement, but please feel free to contact me if you have any questions or need additional information.

Sincerely,

Kimberly Grunewald

Kimberly Grunewald
Deputy General Counsel

KU CENTER FOR RESEARCH, INC.
The University of Kansas

## University of Kansas Center for Research, Inc. (KUCR) Mission Statement

KU research addresses problems of worldwide significance, delivers solutions that make a difference to Kansas and the region, and promotes an inclusive community of responsible inquiry and innovation for students and scholars.

The Office of Research facilitates that mission by advocating for research, scholarship and creative activity, implementing research integrity requirements, and, through the KU Center for Research (KUCR), managing the administration of research grants and contracts. KU Research also has oversight of activities related to technology commercialization and business and industry outreach.

## The Achievement and Assessment Institute (AAI) Mission Statement

AAI's mission is accomplished by:

Partnering with local, state, national, and global communities to apply scholarship to implement programs with direct public impact.

Developing and publishing generalizable knowledge that allows leveraging of the solutions developed so the success of the first part of our mission is magnified.

Providing faculty with the support and encouragement they need to generate resources for research and development in support of enhanced achievement of individuals and organizations.

Providing students with work experience vital to their professional development.

## Accessible Teaching, Learning, and Assessment Systems (ATLAS) Mission Statement

ATLAS promotes learning and improved outcomes for all students, with a special focus on students with disabilities, by creating accessible, technology-based learning and assessment systems.

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

## FINANCIAL STATEMENTS
June 30, 2023 and 2022

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

FINANCIAL STATEMENTS
June 30, 2023 and 2022

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Crowe LLP
Independent Member Crowe Global

# INDEPENDENT AUDITOR'S REPORT

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

## Report on the Audit of the Financial Statements

### *Opinion*

We have audited the financial statements of University of Kansas Center for Research, Inc., a component unit of the University of Kansas, which comprise the statements of financial position as of June 30, 2023 and 2022, and the related statements of activities, and cash flows for the years then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of University of Kansas Center for Research, Inc. as of June 30, 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. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of University of Kansas Center for Research, Inc. and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### *Responsibilities of Management for the Financial Statements*

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

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about University of Kansas Center for Research, Inc.'s ability to continue as a going concern for one year from the date the financial statements are available to be issued.

(Continued)

***Auditor's Responsibilities for the Audit of the Financial Statements***

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

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

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of University of Kansas Center for Research, Inc.'s internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about University of Kansas Center for Research, Inc.'s ability to continue as a going concern for a reasonable period of time.

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

***Supplementary Information***

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying Schedule of Expenditures of Federal Awards as required by Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* is presented for purposes of additional analysis and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain other procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

(Continued)

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

In accordance with *Government Auditing Standards*, we have also issued our report dated September 28, 2023 on our consideration of the university of Kansas Center for Research, Inc.'s internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Center's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Center's internal control over financial reporting and compliance.

Crowe LLP

Crowe LLP

Indianapolis, Indiana
September 28, 2023

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.
STATEMENTS OF FINANCIAL POSITION
June 30, 2023 and 2022

| | 2023 | 2022 |
|---|---|---|
| **Assets** | | |
| Current assets | | |
| Cash and cash equivalents | $ 27,542,122 | $ 27,914,487 |
| Current investments | 85,852,550 | 82,420,084 |
| Accounts receivable, net | 30,225,151 | 26,091,733 |
| Note receivable, net – current | 109,466 | 105,003 |
| Prepaid expenses | 307,406 | 149,962 |
| Total current assets | 144,036,695 | 136,681,269 |
| Non-current assets | | |
| Property and equipment, net | 17,725,614 | 16,301,887 |
| Buildings and equipment in progress | 1,052,353 | 807,739 |
| Total property and equipment, net | 18,777,967 | 17,109,626 |
| Right of use asset | 4,926,497 | 5,605,198 |
| Long-term investments | 8,800,557 | 8,931,862 |
| Note receivable, net | 394,200 | 450,072 |
| Total non-current assets | 32,899,221 | 32,096,758 |
| Total assets | $ 176,935,916 | $ 168,778,027 |
| **Liabilities and net assets** | | |
| Current liabilities | | |
| Accounts payable and accrued expenses | $ 11,383,907 | $ 14,450,278 |
| Bonds payable, net – current | 982,753 | 943,917 |
| Notes payable – current | 2,819,358 | 4,044,692 |
| Lease liabilities, current portion | 600,354 | 675,953 |
| Assets held for others | 8,418,287 | 8,032,365 |
| Deferred revenues – sponsored research | 12,678,718 | 8,056,735 |
| Total current liabilities | 36,883,377 | 36,203,940 |
| Non-current liabilities: | | |
| Bonds payable, net | 4,049,984 | 5,008,467 |
| Notes payable, net | - | 2,819,358 |
| Lease liabilities | 4,553,683 | 5,153,431 |
| Total non-current liabilities | 8,603,667 | 12,981,256 |
| Total liabilities | 45,487,044 | 49,185,196 |
| **Net assets** | | |
| Without donor restrictions | 122,803,280 | 110,742,688 |
| With donor restrictions | 8,645,592 | 8,850,143 |
| Total net assets | 131,448,872 | 119,592,831 |
| Total liabilities and net assets | $ 176,935,916 | $ 168,778,027 |

See accompanying notes to financial statements.

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

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

See accompanying notes to financial statements.

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.
STATEMENT OF ACTIVITIES
Year ended June 30, 2022

| | Without Donor Restrictions | With Donor Restrictions | Total |
|---|---|---|---|
| **Revenues, gains, and other support** | | | |
| Direct research income | $ 124,022,215 | $ - | $ 124,022,215 |
| Facilities & administrative (F&A) revenue | 27,393,176 | - | 27,393,176 |
| | 151,415,391 | - | 151,415,391 |
| Service centers | 13,702,309 | - | 13,702,309 |
| Royalties | 977,907 | - | 977,907 |
| Investment returns (loss), net | (11,220,186) | 322,945 | (10,897,241) |
| Other income | 2,021,921 | - | 2,021,921 |
| Net assets released from restriction | 289,608 | (289,608) | - |
| | 5,771,559 | 33,337 | 5,804,896 |
| Total revenues, gains, and other support | 157,186,950 | 33,337 | 157,220,287 |
| **Expenses** | | | |
| Program services | | | |
| Direct research expenses | 124,801,615 | - | 124,801,615 |
| Capitalized expenses for property and equipment | (2,974,350) | - | (2,974,350) |
| | 121,827,265 | - | 121,827,265 |
| Research unit/school expenses | 4,209,078 | - | 4,209,078 |
| Service centers | 16,533,761 | - | 16,533,761 |
| Other programs services | 3,103,674 | - | 3,103,674 |
| Interest expense | 312,253 | - | 312,253 |
| Total program services | 145,986,031 | - | 145,986,031 |
| Supporting services | | | |
| University support | 1,095,639 | - | 1,095,639 |
| Research administration and unit support | 13,526,696 | - | 13,526,696 |
| Matching costs | 745,353 | - | 745,353 |
| Total supporting services | 15,367,688 | - | 15,367,688 |
| Total expenses | 161,353,719 | - | 161,353,719 |
| **Change in net assets before transfers** | (4,166,769) | 33,337 | (4,133,432) |
| Transfers to University | (699,616) | - | (699,616) |
| **Change in net assets** | (4,866,385) | 33,337 | (4,833,048) |
| Net assets, beginning of year | 115,609,073 | 8,816,806 | 124,425,879 |
| **Net assets, end of year** | $ 110,742,688 | $ 8,850,143 | $ 119,592,831 |

See accompanying notes to financial statements.

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.
STATEMENTS OF CASH FLOWS
Years ended June 30, 2023 and 2022

| | 2023 | 2022 |
|---|---|---|
| **Cash flows from operating activities** | | |
| Cash received for research contracts, grants and service accounts and unit support | $ 173,072,087 | $ 146,483,742 |
| Royalties received | 370,525 | 977,907 |
| Interest received | 2,280,012 | 1,944,398 |
| Payments to suppliers and University | (179,986,739) | (155,261,289) |
| Interest paid | (461,561) | (916,454) |
| Other operating receipts | 15,770,117 | 15,724,230 |
| Net cash from operating activities | 11,044,441 | 8,952,534 |
| **Cash flows from investing activities** | | |
| Purchase of property and equipment | (5,382,237) | (5,560,362) |
| Purchase of investments | (2,577,487) | (10,265,851) |
| Proceeds from sales and maturities of investments | 1,263,409 | 2,097,176 |
| Collection of notes receivable | 51,409 | 49,315 |
| Net cash from investing activities | (6,644,906) | (13,679,722) |
| **Cash flows from financing activities** | | |
| Principal payments on note payable | (3,851,900) | (3,666,823) |
| Principal payments on bonds | (920,000) | (890,000) |
| Net cash from financing activities | (4,771,900) | (4,556,823) |
| (Decrease) increase in cash and cash equivalents | (372,365) | (9,284,011) |
| Cash and cash equivalents, beginning of year | 27,914,487 | 37,198,498 |
| **Cash and cash equivalents, end of year** | $ 27,542,122 | $ 27,914,487 |
| **Reconciliation of change in net assets to net cash provided by operating activities** | | |
| Change in net assets | $ 11,856,041 | $ (4,833,048) |
| Adjustments to reconcile change in net assets to net cash provided by operating activities | | |
| Depreciation | 3,787,405 | 3,662,831 |
| Amortization | (192,439) | (291,948) |
| Loss on disposal of property and equipment | 73,509 | 93,643 |
| Realized and unrealized (gain) loss on investments | (1,942,076) | 12,841,639 |
| Transfer of assets to University of Kansas | 1,757,694 | 699,616 |
| Changes in | | |
| Accounts receivable, net | (4,133,418) | (2,945,454) |
| Prepaid expenses | (157,444) | (64,386) |
| Accounts payable and accrued expenses, less transfers | (5,012,736) | 1,775,835 |
| Assets held for others | 385,922 | (1,838,420) |
| Deferred revenues – research | 4,621,983 | (147,774) |
| Net cash provided by operating activities | $ 11,044,441 | $ 8,952,534 |

See accompanying notes to financial statements.

## NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

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

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

Cash Equivalents: The Center considers all liquid investments with original maturities of three months or less to be cash equivalents. At June 30, 2023 and 2022, cash equivalents consisted primarily of an interest-bearing checking account that is fully collateralized by FDIC insurance and US Bank.

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

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

Impairment of Long-Lived Assets: On an ongoing basis, the Center reviews its long-lived assets for impairment whenever events or circumstances indicate that the carrying amount may be overstated. The Center recognizes impairment losses if the undiscounted cash flows expected to be generated are less than the carrying value of the related asset. If impaired, the assets are adjusted to fair value based on the discounted cash flows. No impairment is thought to exist as of June 30, 2023 and 2022.

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

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

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

(Continued)

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

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

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

| | 2023 | 2022 |
|---|---|---|
| Non-Exchange | $ 98,615,511 | $ 90,429,932 |
| Exchange | 41,475,877 | 33,592,283 |
| | $ 140,091,388 | $ 124,022,215 |

Approximately 63% and 66% of all grant revenues was received from three grantors (federal agencies) in the form of direct awards during the years ended June 30, 2023 and 2022, respectively.

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

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

As of June 30, 2023, the Center had approximately $500 million of conditional funding available from granting agencies over the next five years, which will be earned as milestones are met or qualified expenses are incurred.

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

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

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

An allowance for uncollectible cost reimbursement amounts is provided based on management's evaluation of potential uncollectible cost reimbursement amounts at year end.

(Continued)

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

The composition of accounts receivable at June 30, 2023 and 2022 are as follows:

| | 2023 | 2022 |
|---|---|---|
| Accounts receivable: | | |
| Federal | $ 19,760,303 | $ 16,513,450 |
| State | 4,722,706 | 3,937,555 |
| Other | 7,103,163 | 7,232,614 |
| | 31,586,172 | 27,683,619 |
| Allowance for doubtful accounts | (1,361,021) | (1,591,886) |
| Total accounts receivable, net | $ 30,225,151 | $ 26,091,733 |

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

| | Federal | State | Other | Total |
|---|---|---|---|---|
| Balance as of June 30, 2021 | $ 932,051 | $ 1,914,569 | $ 5,357,889 | $ 8,204,509 |
| Revenue recognized | (932,051) | (1,914,569) | (5,357,889) | (8,204,509) |
| Payments received for future performance obligations | 866,990 | 1,660,507 | 5,529,238 | 8,056,735 |
| Balance as of June 30, 2022 | 866,990 | 1,660,507 | 5,529,238 | 8,056,735 |
| Revenue recognized | (866,990) | (1,660,507) | (5,529,238) | (8,056,735) |
| Payments received for future performance obligations | 1,073,147 | 1,848,487 | 9,757,084 | 12,678,718 |
| Balance as of June 30, 2023 | $ 1,073,147 | $ 1,848,487 | $ 9,757,084 | $ 12,678,718 |

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

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

The Center does not expect the total amount of unrecorded tax benefits to significantly change in the next 12 months. The Center recognizes interest and/or penalties related to income tax matters in income tax expense. The Center did not have any amounts accrued for interest and penalties at June 30, 2023 and 2022. At June 30, 2023 and June 30, 2022, the Center has not recorded any expected tax benefits.

(Continued)

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

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

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

Variable lease payments consist primarily of common area maintenance, utilities, and taxes, which are not included in the recognition of ROU assets and related lease liabilities. Variable lease payments and short-term lease expenses were immaterial to the Center's financial statements for the years ended June 30, 2023 and 2022. The Center's lease agreements do not contain material restrictive covenants. The Center is required to make annual rent payments based on the lease agreements. Additionally, the Center used one incremental borrowing rate of 1.898% on all its leases.

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

Subsequent Events: Management has performed an analysis of the activities and transactions subsequent to June 30, 2023, to determine the need for any adjustments or disclosures to the financial statements for the year ended June 30, 2023. Management has performed their analysis through September 28, 2023, the date the financial statements were issued.

**NOTE 2 - INVESTMENTS**

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

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

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

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

(Continued)

**NOTE 2 – INVESTMENTS** (Continued)

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

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

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

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

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

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

The Center's investments consisted of the following:

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

(Continued)

**NOTE 2 – INVESTMENTS** (Continued)

| | June 30, 2022 | | |
|---|---|---|---|
| | Fair Value | Level 1 | NAV |
| Unites States treasury bills | $ 34,725 | $ 34,725 | $ - |
| Mutual funds: | | | |
| Domestic equity funds | 20,384,824 | 20,384,824 | - |
| Domestic bond funds | 28,763,285 | 28,763,285 | - |
| Domestic real estate funds | 8,439,341 | 8,439,341 | - |
| International equity funds | 13,104,832 | 13,104,832 | - |
| International bond funds | 7,621,313 | 7,621,313 | - |
| International real estate funds | 4,010,898 | 4,010,898 | - |
| Money market funds | 60,866 | 60,866 | - |
| Common Stock | 80,000 | - | 80,000 |
| Investments held by KU Endowment | 8,851,862 | - | 8,851,862 |
| | $ 91,351,946 | $ 82,420,084 | $ 8,931,862 |

Total investment return (loss) is comprised of the following:

| | 2023 | 2022 |
|---|---|---|
| Interest and dividend income, net | $ 2,280,012 | $ 1,944,398 |
| Realized gain | 1,069,510 | 1,807,211 |
| Unrealized gain/(loss) | 872,566 | (14,648,850) |
| | $ 4,222,088 | $ (10,897,241) |

**NOTE 3 - NOTE RECEIVABLE**

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

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

A summary of changes in note receivable is as follows:

| | June 30, 2022 | Additions | Repayments | June 30, 2023 | Current Portion |
|---|---|---|---|---|---|
| BTBC note | $ 555,075 | $ - | $ 51,409 | $ 503,666 | $ 109,466 |

(Continued)

**NOTE 3 - NOTE RECEIVABLE** (Continued)

Future repayment activity for the notes is as follows:

| Year Ending June 30 | Principal | Interest | Total |
|---|---|---|---|
| 2024 | $ 109,466 | $ 40,534 | $ 150,000 |
| 2025 | 58,246 | 16,754 | 75,000 |
| 2026 | 60,722 | 14,278 | 75,000 |
| 2027 | 63,303 | 11,697 | 75,000 |
| 2028 | 65,993 | 9,007 | 75,000 |
| Thereafter | 145,936 | 9,481 | 155,417 |
| | $ 503,666 | $ 101,751 | $ 605,417 |

In April 2021, as part of BTBC obtaining an unrelated, third-party bank loan to construct an additional phase of its facility, KUCR entered into an agreement with BTBC, structured as a "springing" or contingent lease, whereby KUCR agrees to lease a certain portion of BTBC's facility if BTBC is unable to achieve sufficient occupancy or to meet associated financial covenants. KUCR has assessed the likelihood of performing under this stand ready provision as remote and as such has not accrued a liability for this commitment as of June 30, 2023 and 2022.

**NOTE 4 - PROPERTY AND EQUIPMENT**

Property and equipment consisted of:

| | July 1, 2022 | Increases | Decreases | June 30, 2023 |
|---|---|---|---|---|
| Land | $ 808,808 | $ - | $ - | $ 808,808 |
| Building | 1,916,236 | - | - | 1,916,236 |
| Office and scientific equipment | 73,191,002 | 5,615,670 | 2,730,758 | 76,075,914 |
| | 75,916,046 | 5,615,670 | 2,730,758 | 78,800,958 |
| Less accumulated depreciation | 59,614,159 | 3,787,405 | 2,326,220 | 61,075,344 |
| | 16,301,887 | 1,828,265 | 404,538 | 17,725,614 |
| Buildings and equipment in progress | 807,739 | 468,343 | 223,729 | 1,052,353 |
| Total property and equipment, net | $ 17,109,626 | $ 2,296,608 | $ 628,267 | $ 18,777,967 |

The statements of financial position of the Center include only those property and equipment purchases or donations that remain the Center's property. Accordingly, the historical cost of property and equipment purchased by the Center and transferred to the University are reflected within the University's financial statements. Transfers to the University were $1,757,694 and $699,616 during the years ended June 30, 2023 and 2022, respectively.

(Continued)

## NOTE 5 - ASSETS HELD FOR OTHERS

The Center has entered into an agreement with another community-based organization to administer the Assistive Technology for Kansans program. In association with this agreement, the Center will maintain certain administrative and fiduciary responsibilities related to certain financial assets of the program. These financial assets primarily consist of investments. Accordingly, the amounts of financial assets administered by the Center under the program are also reported as assets held for others. At June 30, 2023 and 2022, these amounts totaled $8,418,287 and $8,032,365, respectively.

## NOTE 6 - BONDS PAYABLE

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

| | July 1, 2022 | Additions | Retirements | June 30, 2023 | Current Portion |
|---|---|---|---|---|---|
| Revenue bond: | | | | | |
| Series 2014E | $ 5,915,000 | - | (920,000) | 4,995,000 | 950,000 |
| | 5,915,000 | - | (920,000) | 4,995,000 | 950,000 |
| Bond premiums | 101,381 | - | (21,515) | 79,866 | 32,753 |
| Bond issuance costs | (63,997) | - | 21,868 | (42,129) | - |
| Total | $ 5,952,384 | $ | $ (919,647) | $ 5,032,737 | $ 982,753 |

Long-term debt is comprised of the following:

| Revenue Bond | Balance at June 30, 2023 | Balance at June 30, 2022 |
|---|---|---|
| $10,580,000 – Series 2014E Kansas Development Finance Authority Revenue Bonds (tax-exempt). The bonds are due in annual installments ranging from $90,000 to $4,045,000 final maturity on February 1, 2025. Interest rates ranging from 2.00% to 3.00% is payable semi-annually. A rating of AA was assigned by Standard & Poor's and a rating of Aa2 was assigned by Moody's Investor Services. A pledge of Center revenues and a second pledge of all University's revenues, excluding restricted revenues, are available for full payment of the debt service in the event the Center is not able to make debt service payments. Proceeds for the 2014E bonds were used to advance refund $10,560,000 of the 2006G Kansas Development Finance Authority Tax-Exempt Revenue Bonds which were originally used to finance the construction of the Structural Biology Center Phase III building. | 4,995,000 | 5,915,000 |
| | $ 4,995,000 | $ 5,915,000 |

In accordance with University policy, the capitalized costs of facilities financed by the bond have been previously transferred to and are reported on University's financial statements. These facilities include the Structural Biology Center Phase III building which was financed by 2014E. At June 30, 2023 and 2022, the net book value of this facility was approximately $7.9 million and $8.6 million, respectively.

(Continued)

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

Future revenue bond debt service requirements at June 30, 2023 are as follows:

| Year Ending June 30 | Principal | Interest | Total |
|---|---|---|---|
| 2024 | $ 950,000 | $ 149,850 | $ 1,099,850 |
| 2025 | 4,045,000 | 121,350 | 4,166,350 |
| | $ 4,995,000 | $ 271,200 | $ 5,266,200 |

The Series 2014 Bond is secured by loan agreements with the Kansas Development Finance Authority. The bond agreement contains various restrictive covenants. The Center is subject to limitations on additional indebtedness under the agreements. At June 30, 2023, the Center reported compliance with these covenants.

Interest expense, net of amortization, related to all bonds payable for the years ended June 30, 2023 and 2022, was $177,450 and $169,500, respectively.

**NOTE 7 - NOTES PAYABLE**

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

| | July 1, 2022 | Additions | Retirements | June 30, 2023 | Current Portion |
|---|---|---|---|---|---|
| KU Endowment | $ 1,256,900 | $ - | $ (1,256,900) | $ - | $ - |
| Series 2012E Refunding | 5,320,000 | - | (2,595,000) | 2,725,000 | 2,725,000 |
| | 6,576,900 | - | (3,851,900) | 2,725,000 | 2,725,000 |
| Premium | 287,150 | - | (192,792) | 94,358 | 94,358 |
| Total | $ 6,864,050 | $ - | $ (4,044,692) | $ 2,819,358 | $ 2,819,358 |

During the year ended June 30, 2018, the Center entered into a loan agreement with the KU Endowment for a principal sum of $7,124,684. The note bears interest at 3% and requires minimum annual payments of $1,555,707 until repaid. The loan was paid in full in 2023. Interest expense related to this note for the years ended June 30, 2023 and 2022 was $46,948 and $89,892, respectively.

During the year ended June 30, 2020, the Center entered into a loan agreement with the University related to the refunding of the Series 2012E bonds originally used to finance the construction of the Multidisciplinary Research building for a principal sum of $10,145,000. The note bears interest at 5.0% and matures in May of 2024.

Future repayment activity for the Series 2012E refinancing note is as follows:

| Year Ending June 30 | Principal | Interest | Total |
|---|---|---|---|
| 2024 | $ 2,725,000 | $ 68,125 | $ 2,793,125 |
| | $ 2,725,000 | $ 68,125 | $ 2,793,125 |

Interest expense related to this note for the years ended June 30, 2023 and 2022 was $9,981 and $45,608, respectively.

(Continued)

## NOTE 8 - RESEARCH PROJECT EXPENDITURES/REVENUES

The University has transferred substantially all of its research grants to the administrative control of the Center. The University and Center total sponsored research activity for the years ended June 30, 2023 and 2022 was as follows:

| | 2023 | 2022 |
|---|---|---|
| University Activity (Unaudited) | | |
| University Research Expenditures | $ 15,870,862 | $ 11,301,159 |
| University Indirect Cost | 3,925,952 | 2,490,025 |
| Total University Activity (Unaudited) | 19,796,814 | 13,791,184 |
| Center for Research Expenditures | | |
| Center for Research Expenditures | 138,595,127 | 123,473,261 |
| CARES Act Grant Expenditures | 2,270,606 | 1,328,354 |
| Center Indirect Cost | 32,106,213 | 27,393,176 |
| Total Center for Research Expenditures | 172,971,946 | 152,194,791 |
| Total Sponsored Expenditures – University and Center (unaudited) | $ 192,768,760 | $ 165,985,975 |

## NOTE 9 - NET ASSETS

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

| | 2023 | 2022 |
|---|---|---|
| Dole Institute | $ 7,200,507 | $ 7,382,692 |
| Humanities | 1,445,085 | 1,467,451 |
| | $ 8,645,592 | $ 8,850,143 |

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

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

| | 2023 | 2022 |
|---|---|---|
| Dole Institute | $ 244,522 | $ 233,265 |
| Humanities | 35,633 | 56,343 |
| | $ 280,155 | $ 289,608 |

## NOTE 10 - ENDOWMENTS

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

(Continued)

## NOTE 10 - ENDOWMENTS

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

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

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

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

As of June 30, 2023 and 2022, the original corpus value of the endowment was $5,995,806. The changes in donor-restricted endowment net assets for the years ended June 30, 2023 and 2022 were:

| | |
|---|---|
| Endowment net assets, June 30, 2021 | $ 8,816,806 |
| Investment return, net | 322,945 |
| Amounts appropriated for expenditure | (289,608) |
| Endowment net assets, June 30, 2022 | 8,850,143 |
| Investment return, net | 75,604 |
| Amounts appropriated for expenditure | (280,155) |
| Endowment net assets, June 30, 2023 | $ 8,645,592 |

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

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

(Continued)

**NOTE 10 – ENDOWMENTS** (Continued)

Funds with Deficiencies: From time to time, the fair value of assets associated with individual donor restricted endowment funds may fall below the level that the donor or SPMIFA requires the Center to retain as a fund of perpetual duration. There were no such funds with deficiencies as of June 30, 2023 and 2022.

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

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

**NOTE 11 - RELATED PARTY TRANSACTIONS**

During the years ended June 30, 2023 and 2022, amounts paid by the University (and reimbursed by the Center) for salaries, benefits, scholarships, fellowships, tuition, and other operating expenses amounted to $125,740,180 and $110,381,080, respectively. Of these amounts, $7,925,789 and $11,422,698 are included in accounts payable and accrued expenses at June 30, 2023 and 2022, respectively.

Grants administered by the Office of Research, an administrative division of the University, have contracts/financial activity in the name of the University. When KUCR service center activity is being paid by the University, KUCR bills the University for the services. Receivables from the University in the amounts of $3,053,132 and $3,851,609 are included in accounts receivable at June 30, 2023 and 2022, respectively.

The University provides support to the Center to fund general and administrative salaries and benefits, funds to invest in University programs and certain utility, maintenance, and custodial expenses paid by the University for the benefit of the Center. The following amounts were paid by the University for the years ended June 30, 2023 and 2022:

| | 2023 | 2022 |
|---|---|---|
| Provost funding: | | |
| Salaries and benefits | $ 3,342,267 | $ 3,233,466 |
| Utilities | 70,107 | 62,239 |
| Maintenance | 28,941 | 67,198 |
| Custodial | 41,743 | 31,906 |
| | $ 3,858,778 | $ 3,394,809 |

(Continued)

**NOTE 11 - RELATED PARTY TRANSACTIONS** (Continued)

Effective July 1, 2009, the University established a central pool for the payout of vacation leave when faculty or staff resign or terminate employment. The effective rate is 0.45% of eligible payroll as of June 30, 2023 and 2022.

The Center provided support to KU Endowment for departmental benefit in funding research, graduate studies, distinguished professorships, scholarships, and fellowships. Support of $81,320 and $1,268,669 was provided to KU Endowment during the fiscal years 2023 and 2022 and is included in other program services on the statement of activities.

During the year ended June 30, 2022, the Center and the University of Kansas Medical Center Research Institute, Inc. jointly fund the operations of KU Center for Technology Commercialization ("KUCTC") and $1,187,375 was provided to KUCTC. There was no funding provided for 2023.

**NOTE 12 - LEASES**

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

Future maturities of lease liabilities as of June 30, 2023 were:

| | |
|---|---|
| 2024 | $ 753,842 |
| 2025 | 672,230 |
| 2026 | 426,764 |
| 2027 | 350,378 |
| 2028 | 357,568 |
| Thereafter | 3,248,309 |
| | 5,809,091 |
| Less: interest | (655,054) |
| | $ 5,154,037 |

Rent expense for all operating leases was $787,358 and $954,216 for the years ended June 30, 2023 and 2022, respectively.

**NOTE 13 - DEFINED CONTRIBUTION PROGRAM**

All employees working for the Center are University of Kansas employees. The University has a defined contribution pension program covering all staff employees who have worked at the University for more than one year. Participating employees contribute 5.5% of their salary, and the Center contributes an additional 8.5%. Participating employees are fully vested immediately. The Center contributed $5,185,386 and $4,724,906 for 2023 and 2022 to the defined contribution pension program for general and administrative salaries, respectively.

**NOTE 14 - COMMITMENTS AND CONTINGENCIES**

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

(Continued)

## NOTE 15 - LIQUIDITY AND AVAILABILITY

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

| | 2023 | 2022 |
|---|---|---|
| Financial assets at year-end: | | |
| Cash and cash equivalents | $ 27,542,122 | $ 27,914,487 |
| Current investments | 85,852,550 | 82,420,084 |
| Accounts receivable, net | 30,225,151 | 26,091,763 |
| Notes receivable, net – current | 109,466 | 105,003 |
| Total financial assets | 143,729,289 | 136,531,337 |
| Less amounts not available to be used: | | |
| Investments held as assets held for others | (8,418,287) | (8,032,365) |
| Financial assets available to meet general expenditures within one year | $ 135,311,002 | $ 128,498,972 |

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

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

## NOTE 16 - EXPENSES BY NATURE

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

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

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

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

(Continued)

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

Year ended June 30, 2023:

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

(Continued)

## NOTE 16 -EXPENSES BY NATURE (Continued)

Year ended June 30, 2022:

| | Program Services | | | | | | Support Services | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Direct Research Expenses | Capitalized Expenses for Property and Equipment | Research Unit/ School Expenses | Service Centers | Other Programs Services | Interest Expense | University Support | Research Admin., Unit Support, Startup | Matching Costs | Total |
| **Personnel** | $ 54,002,497 | $ - | $ 1,832,904 | $ 13,752,642 | $ 746,653 | $ - | $ 71,996 | $ 7,139,977 | $ 316,143 | $ 77,862,812 |
| **Fringe Benefits** | 12,575,430 | - | 488,700 | 3,961,305 | 113,186 | - | 18,252 | 2,061,102 | 58,424 | 19,276,399 |
| **Subaward payments** | 13,739,783 | - | - | (52,000) | - | - | - | - | - | 13,687,783 |
| **Professional Fees** | 6,093,461 | - | 123,253 | 5,799,447 | 1,231,034 | - | 619,646 | 161,489 | 5,637 | 14,033,967 |
| **Supplies** | 4,797,145 | - | 424,270 | 2,219,179 | 37,587 | - | 2,648 | 316,078 | 67,839 | 7,864,746 |
| **Travel and Food** | 1,851,674 | - | 229,672 | 286,114 | 20,932 | - | 14,887 | 98,866 | 17,540 | 2,519,685 |
| **Tuition** | 6,130,178 | - | 185,133 | 166,595 | 43,462 | - | 41,250 | 97,493 | 134,647 | 6,798,758 |
| **Internal Service Fees (allocated)** | 10,316,068 | - | 35,731 | (10,429,976) | 25,905 | - | - | 8,864 | 43,408 | - |
| **Participant Fees** | 5,242,134 | - | 20,053 | 3,551 | (44) | - | (360) | 2,786 | 100,361 | 5,368,481 |
| **Depreciation** | 2,342,551 | - | 104,752 | 557,804 | 4,586 | - | - | 653,138 | - | 3,662,831 |
| **Equipment and other non-capital** | 3,759,725 | (2,974,350) | 22,319 | 53,240 | 35,977 | - | 34,996 | 210,019 | 17,739 | 1,159,665 |
| **Other Expense** | 3,950,969 | - | 742,291 | 215,860 | 844,396 | - | 292,324 | 2,776,884 | (16,385) | 8,806,339 |
| **Interest Expense** | - | - | - | - | - | 312,253 | - | - | - | 312,253 |
| Total | $ 124,801,615 | $ (2,974,350) | $ 4,209,078 | $ 16,533,761 | $ 3,103,674 | $ 312,253 | $ 1,095,639 | $ 13,526,696 | $ 745,353 | $ 161,353,719 |

SUPPLEMENTARY INFORMATION

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

| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster** | | | | |
| **Department of Agriculture** | | | | |
| Direct | | | | |
| Modeling Projects to Support and Advance | 10.025 | AP21VSSP0000C076 | | $ 27,882 |
| NRI: INT: COLLAB: Collaborative Autonomy and Safety for Teamed Human-Unmanned Aircraft Systems in Fast Evolving Wildfire Environment | 10.310 | 2019-67021-28992 | | (7,728) |
| NRI: INT: COLLAB: An autonomous insect Sense, Identify, and Manage Platform | 10.310 | 2019-6702-28986 | | 46,472 |
| NRI: INT: COLLAB: Collaborative Autonomy and Safety for Teamed Human-Unmanned Aircraft Systems in Fast Evolving Wildfire Environment | 10.310 | 2019-67021-28992 | | 63,060 |
| Productivity and Soil Fertility Responses to Grassland Plant Diversity: Testing Competing Hypotheses | 10.310 | 2020-67034-31889 | | 60,799 |
| SitS: Collaborative Research: Soils are signaling shifts in aggregate life-cycles: What does this mean for water, carbon and climate feedbacks in the Anthropocene? | 10.310 | 2021-67019-34338 | | 46,918 |
| Assessing drivers of above- and belowground community diversity, soil carbon storage, and soil aggregate stability in grassland ecosystems | 10.310 | 2022-67012-37520 | | 19,076 |
| Irrigation at the new 100th Meridian: Adaptation to manage climate risks and preserve water resources in the Eastern Kansas River Basin | 10.310 | 2022-67019-37181 | | 111,224 |
| Subtotal for AL No. 10.310 | | | | 367,703 |
| Ethnobotanical Research, Mapping and Monitoring on the Rio Grande National Forest | 10.699 | 17-CS-11020900-019 | | 5,032 |
| Subtotal: Department of Agriculture- Direct | | | | 372,735 |
| Passthrough- KANSAS STATE UNIVERSITY | | | | |
| Linking microbiome function and microbial processes to plant genetic diversity in a foundation forage grass across the Great Plains grassland climate gradient: a multi-omics approach | 10.310 | A21-0128-S002 | 2020-67019-31803 | 95,628 |
| Passthrough- MICHIGAN STATE UNIVERSITY | | | | |
| INFEWS/T1: Developing Pathways Toward Sustainable Irrigation Across The Continental United States Using Process-based Systems Models (SIRUS) | 10.310 | RC108063UK | 2018-67003-27406 | 5,888 |
| Passthrough- NATURAL RESOURCES CONSERVATION SERVICE | | | | |
| Modeling water quality and in-stream biological endpoints of agricultural conservation in the Mississippi River Basin | 10.902 | NR203A750023C023 | | 77,901 |
| Passthrough- NORTH CAROLINA STATE | | | | |
| Dissecting Molecular Plant-Microbiome Interactions for Improved Drought Tolerance in Maize. | 10.310 | 2022-0475-01 | 2022-67013-36672 | 125,339 |
| Passthrough- UNIVERSITY OF ILLINOIS - URBANA-CHAMPAIGN | | | | |
| Sustaining ecosystem services in agricultural landscapes through a better understanding of decision-support systems | 10.310 | 110491-19243 | 2022-67019-38447 | 20,169 |

(Continued)

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

| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Agriculture (Continued)** | | | | |
| Passthrough- UNIVERSITY OF CALIFORNIA - DAVIS | | | | |
| Promoting the Purchase to Plate Tools for Food Demand and Diet Quality Research | 10.250 | A22-2490-S002 | 58-4000-1-0130 | $ 23,178 |
| Passthrough- UNIVERSITY OF KANSAS MEDICAL CENTER RESEARC | | | | |
| Kansas-Missouri Nutrition Incentive Collaborative | | | | |
| Passthrough- UNIVERSITY OF MINNESOTA | | | | |
| Developing and deploying a perennial grain crop enterprise to improve environmental quality and rural prosperity | 10.310 | 82890 | 2020-68012-31934 | 64,992 |
| Robust incentive design for sustainable agricultural systems | 10.310 | 82653 | 2020-67023-3326 | 15,290 |
| Subtotal: Department of Agriculture- Passthrough | | | | 428,385 |
| **Total: Department of Agriculture** | | | | **801,120** |
| **Department of Commerce** | | | | |
| Direct | | | | |
| University Center Program: The University Center will engage in RedTire expansion, entrepreneurial consulting, a venture student incubator and commercialization of STEM research. | 11.303 | ED18DEN3030031 | | 164,648 |
| Application for administration of supplemental planning grant for CARES Act Recovery Assistance | 11.307 | ED20DEN3070059 | | 74,406 |
| Airborne Snow Depth Retrieval for Improved Hydrological Modeling | 11.459 | NA19OAR4590206 | | 13,707 |
| Subtotal: Department of Commerce- Direct | | | | 252,761 |
| Passthrough | | | | |
| Investigating the environmental and genetic cues for jellyfish blooms in the invasive freshwater jellyfish Craspedacusta sowerbii | 11.417 | 220201 | NA22OAR4170100 | 3,293 |
| Passthrough- COLORADO STATE UNIVERSITY | | | | |
| Center for Risk-Based Community Resilience Planning | 11.609 | G-99042-10 | 70NANB20H008 | 21,521 |
| Center for Risk-Based Community Resilience Planning | 11.619 | G-00745-10 | | 1,082 |
| Passthrough- UNIVERSITY OF ALABAMA-TUSCALOOSA | | | | |
| Center for Remote Sensing of Snow and Soil Moisture Measurement | 11.432 | A20-0344-S001 | NA19NES4320002 | 21,895 |
| Center for Remote Sensing of Snow and Soil Moisture Measurement | 11.462 | A18-0336-S001-A04 | NA18NWS4620043B | (170) |
| Subtotal: Department of Commerce- Passthrough | | | | 47,621 |
| **Total: Department of Commerce** | | | | **300,382** |
| **Department of Defense** | | | | |
| Direct | | | | |
| Improving regional model representation of cloudy boundary layers across midlatitude synoptic systems in NRL COAMPS | 12.300 | N00014-20-1-2519 | | 86,876 |

(Continued)

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

| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Defense (Continued)** | | | | |
| Direct | | | | |
| Development of a Military-Specific Transdiagnostic Eating-Disorder Survey and Screening Tool in a Nationally Representative Sample of Veterans | 12.420 | W81XWH1910207 | | $ 253,051 |
| Targeting RNA-binding protein HuR as a novel therapy for lethal prostate cancer | 12.420 | W81XWH2110573 | | 120,156 |
| Assessment of Eating Disorder and Comorbidity Risk and Resilience in a Nationally Representative Sample of Recent Military Enlistees | 12.420 | HT94252310310 | | 23,928 |
| Subtotal for AL No. 12.420 | | | | 397,135 |
| Experimental and Simulation Investigations into Novel Mechanisms for the Oxygen Reduction Reaction | 12.431 | W911NF2210293 | | 32,268 |
| Reinforcement-Learning-based Aerial-Ground Multi-Robot Collaboration with Human-on-the-Loop in Complex Environments | 12.431 | W911NF2220207 | | 136,415 |
| Subtotal for AL No. 12.431 | | | | 168,683 |
| Novel 3D Printed Zeolite Passive Samplers Enabling Fast and Reliable Measurements of PFAS in Complex Environmental Matrices (EL-32) | 12.630 | W912HZ2120046 | | 180,808 |
| Parametric Resonances in Time-Varying Media for Optical Limiting Applications | 12.800 | FA9550-20-1-0046 | | 97,278 |
| Stochastic control for systems with non-Gaussian noise | 12.800 | FA9550-20-1-0336 | | 209,959 |
| Pushing the Limit for Large Eddy Simulation Through a Kinetic Energy and Entropy Preserving FR method, and Mesh Adaptation Based on Machine Learning | 12.800 | FA9550-20-1-0315 | | 156,959 |
| Coherent Space-Time-Varying Electromagnetic Structures | 12.800 | FA9550-23-1-0267 | | 7,627 |
| Subtotal for AL No. 12.800 | | | | 471,823 |
| Science of Security for Cyber-physical Systems (SCpS) | 12.000 | H98230-18-D-0009 | | 551,154 |
| Impact of Shear Layer Swirl on Near- and Far-field Noise Emissions from Twin-Engine Military Aircraft | 12.000 | W912HQ219P0006 | | 9,256 |
| Enhanced Implementation of K-Scope & ASII Tunnel Detection Analysis Approach Using FWI, Modal Segmentation Methods, and Integrated Multi-Modal Techniques | 12.000 | W912HZ19C0014 | | 673,918 |
| Advancement in Seismic Imaging for Tunnel Detection: ASI to ASII-skinny | 12.000 | W912HZ19C0031 | | 39,858 |
| Navy Applications of Physical MIMO and Waveform Diversity | 12.000 | N00014-20-C-1006 | | 447,200 |
| Automated Iceberg Identification Using Machine Learning Imaging Techniques | 12.000 | W913E521C0022 | | 125,116 |
| Improving the Performance of Concrete Dam Infrastructure Through Use of Fiber-Reinforced Polymers | 12.000 | W912HZ22C0016 | | 789,082 |
| Subtotal for AL No. 12.000 | | | | 2,635,584 |
| Subtotal: Department of Defense- Direct | | | | 3,940,909 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Defense (Continued)** | | | | |
| Passthrough- ADVANCED TECHNOLOGY INTERNATIONAL | | | | |
| Coded APSK for Improved Spectral Efficiency in AeronauticalMobile Telemetry | 12.000 | 2017-319 | | $ 1,227 |
| Passthrough- ADAPTIVE METHODS | | | | |
| Advanced Sonar Signal Processing | 12.000 | ADM-22-0001 | ADM-22-001 | 106,059 |
| Passthrough- ALION SCIENCE & TECHNOLOGY | | | | |
| Foundational Research for EW Operations | 12.000 | P000029662- | P000029662 | 121,394 |
| Passthrough- BRIGHAM YOUNG UNIVERSITY | | | | |
| Space Time Coding for Multi-h CPM | 12.000 | 17-0493 | W15QKN-15-9-1004 | 190,353 |
| Passthrough- BLACK RIVER SYSTEMS COMPANY | | | | |
| Dual-Function Radar Communications Receiver Development and Characterization | 12.000 | 1515-S06 | FA8650-15-C-1838 | 153,493 |
| Passthrough- COLLINS AEROSPACE | | | | |
| Master Sponsored Research Agreement No. CW2251607 | 12.000 | CW2251607 | HR00111890001 | 100,679 |
| Passthrough- DEFENSE ENGINEERING CORPORATION | | | | |
| Waveform Research and Development for Emerging RF Sensing Technologies | 12.000 | 10343 | FA8650-20-C-1955 | 166,904 |
| Multi-Function Emission Characterization with RF Digital Arrays in the Presence of Modeling Errors | 12.000 | POJ056 | | 54,236 |
| Passthrough- IERUS TECHNOLOGIES, INC. | | | | |
| SBIR Phase I - Optimized Waveforms for X-band Missile-Defense Radars | 12.000 | 2021-KU-001 | HQ0860-22-C-7047 | 3,054 |
| Passthrough- NEW SOUTH ASSOCIATES | | | | |
| Curation Services FY21 | 12.000 | 6201_KU_Curation | W912P921F0296 | 268 |
| Passthrough- ZENOLEAP LLC | | | | |
| Uncooled Quantum Infrared Focal Plane Arrays | 12.000 | W909MY-21-C-0033-Sub | W909MY-21-C-0033 | 149,580 |
| Passthrough- PURDUE UNIVERSITY | | | | |
| Distributed Spectrum Scenario Fusion and Compression | 12.300 | 13001026-012 | N00014-21-1-2472 | 135,977 |
| Passthrough- UNIVERSITY OF CALIFORNIA - SAN DIEGO | | | | |
| Complex Linkages, Ambivalent Ties: Global Security and Economic Interdependence in the 21st Century | 12.630 | KR 704373 | FA9550-21-1-0143 | 31,951 |
| Economic Interdependence and National Security in the 21st Century | 12.630 | 703707 | FA9550-20-1-0145 | 18,600 |
| Passthrough- UNIVERSITY OF MICHIGAN | | | | |
| Multi-Fidelity Modeling of Rocket Combustor Dynamics | 12.800 | SUBK00016454 | FA9550-17-1-0195 | 93,060 |
| Passthrough- WESTERN UNIVERSITY OF HEALTH SCIENCES | | | | |
| Therapeutic Intervention of Crimean Congo Hemorrhagic Fever: A Tick Born Viral Illness | 12.420 | 20158V-MIR-UKCR | W81XWH2010279 | 612 |
| Passthrough- WRIGHT BROTHERS INSTITUTE | | | | |
| Frequency Diverse Array Receive Algorithm Development | 12.800 | WBSRA-21-021-UKCR | FA8650-18-3-9326 | 77,626 |
| Passthrough- COMBUSTION RESEARCH AND FLOW TECHNOLOGY INC. | | | | |
| Multiphysics Modeling of Dynamic Combustion Processes | 12.800 | 20-C-0325.001/C815 | | 98,050 |
| Subtotal: Department of Defense- Passthrough | | | | 1,503,123 |
| **Total: Department of Defense** | | | | **5,444,032** |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Education** | | | | |
| Direct | | | | |
| Fulbright-Hays Doctoral Dissertation Research Abroad Award | 84.022 | P022A210054 | | $ 46,862 |
| Funds for the Improvement of Postsecondary Education | 84.116 | P116Z990008 | | 5,049,881 |
| The Effects of Promoting Engaging Early Literacy Interactions in Preschool Environments: Literacy 3D | 84.305 | R305A170241 | | 316,936 |
| Effects of Implicit Bias on Children's Early Outcomes | 84.305 | R305A190199 | | 45,727 |
| AspirePlus: A Researcher-Practitioner Partnership to Promote Self-Determination and More Positive Student Outcomes | 84.305 | R305H190017 Act 2 | | 87,577 |
| Improving Software and Methods for Estimating Diagnostic Classification Models and Evaluating Model Fit | 84.305 | R305D210045 | | 98,710 |
| Subtotal for AL No. 84.305 | | | | 548,950 |
| MTSS and Self-Determination: Examining the Impact of Tier 1 Supports to Promote Self-Determination and Academic Outcomes | 84.324 | R324A170008 | | 163,582 |
| Professional Development to Support Teachers' Implementation of a Tiered Model for Promoting Social Development of Infants and Toddlers | 84.324 | R324A170118 | | 134,027 |
| Validation of Cognitive Problem-Solving and Movement Infant-Toddler IGDIs for Screening and General Outcome Progress Monitoring | 84.324 | R324A150166-17 | | 3,240 |
| Development of a Data-based Decision Making System to Support Educators' Promotion of Infants and Toddlers' Cognitive Problem-Solving Skills | 84.324 | R324A170141 - 19 | | 283,696 |
| Validity Studies of the Classroom Code for Interactive Recording of Children's Learning Environments (CIRCLE) (Version 2.0): A Preschool Eco-Behavioral Interaction Measure for Intervention Decision Making | 84.324 | R324A170048 | | 190,334 |
| Factors Contributing to Academic, Social/Communication, and Behavioral Outcomes for Elementary Students with the Most Significant Cognitive Disabilities | 84.324 | R324A180024 | | 228,562 |
| Promoting Teacher Use of the Supports Intensity Scale-Children's Version to Engage in Supports Planning to Enhance Access to the General Education Curriculum for Children with Intellectual Disability | 84.324 | R324A180034 - 20 | | 309,131 |
| Project DataWall: A Decision Support System for MTSS | 84.324 | R324A190054 | | 303,079 |
| Promoting Self-Determination for Students with Disabilities: A Goal-Setting Challenge App | 84.324 | R324A180012 | | 44,571 |
| Possible Selves and Self-Determination: Improving Transition Outcomes for High School Students with Learning Disabilities | 84.324 | R324A190011 - 20 | | 509,558 |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Education (Continued)** | | | | |
| Direct | | | | |
| Project SCREEN: Validation of a Free-Access Screening Tool for K-12 Educators to Screen Students with Internalizing and Externalizing Behavior Patterns | 84.324 | R324A190013 | | $ 357,797 |
| Enhancing Ci3T: Building Professional Capacity for High Fidelity Implementation to Support Students' Educational Outcomes (Project ENHANCE) | 84.324 | R324N190002 | | 635,329 |
| 5E Model Professional Development in Science Education for Special Educators (5E-SESE) | 84.324 | R324A18202 | | 386,613 |
| Combining the Self-Determined Learning Model of Instruction and Peer Supports: Examining the Impact on Academic, Social, and Functional Outcomes for Students with Autism Spectrum Disorders | 84.324 | R324A200007 | | 631,071 |
| Professional Development to Support Intervention Implementation of the Promoting Communication Tools for Advancing Language in Kids (PC TALK) for Infants and Toddlers at Risk for or with Disabilities | 84.324 | R324A190223 | | 275,049 |
| Initial Efficacy Evaluation of the CW-FIT Middle School Program: Improving Academic | 84.324 | R324A200063 | | 408,067 |
| Validity of a Nonspeech, Dynamic Assessment of the Alphabetic Principle (DAAP) | 84.324 | R324A200190 | | 105,512 |
| Resources Aligned and Integrated for Student Equity (RAISE): Protocol for Grade-level Teams to Intensify Instruction for Students With or At-risk for Disabilities | 84.324 | R324X220051 | | 227,083 |
| Resources Aligned and Integrated for Student Equity (RAISE): Protocol for Grade-level Teams to Intensify Instruction for Students With or At-risk for Disabilities | 84.324 | R324X220051 | | 2,943 |
| Project ENGAGE: Enhancing Student Engagement to Facilitate Learning and Well-Being | 84.324 | R324X220067 | | 350,903 |
| Subtotal for AL No. 84.324 | | | | 5,550,147 |
| Preparation of Special Education, Early Intervention, and Related Services Leadership Personnel | 84.325 | H325D160080 | | 165,312 |
| Strengthening Outcomes for All learners in Inclusive Settings (SOARS) | 84.325 | H325K160141 - 20 | | 30,247 |
| Subtotal for AL No. 84.325 | | | | 195,559 |
| Shared Writing Instructional Model(SWIM) for Students with Intellectual Disabilities | 84.326 | H326M180010 | | 319,357 |
| National Technical Assistance Center for Inclusive Practices and Policies | 84.326 | H326Y220003 | | 308,700 |
| Subtotal for AL No. 84.326 | | | | 628,057 |
| Stepping Up Technology Enabled Self-Monitoring For High School Students with Disabilities | 84.327 | H327S170001 | | 327,463 |
| Virtual reality Opportunities to Integrate Social Skills (VOISS) | 84.327 | H327S180006 | | 410,074 |
| Center for Innovation, Design, and Digital Learning | 84.327 | H327F200008 | | 641,749 |

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UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.
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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Education (Continued)** | | | | |
| Direct | | | | |
| Special Educator Technology-based Training of Trainers (SETTT) for Success | 84.327 | H327S200015 | | $ 467,534 |
| Project WRITE-APLM: Writing stRategies for Integrating Technology in Education with the Adaptive Professional Learning Model | 84.327 | H327S210009 | | 453,400 |
| Subtotal for AL No. 84.327 | | | | 2,300,220 |
| Supporting High-Needs Elementary Students with the CW-FIT Program: Building for Scale and Sustainability | 84.411 | U411B190025 | | 1,434,996 |
| CW-FIT Rural Expansion: Gaining More Time to Learn and More Time to Teach in Rural Schools | 84.411 | S411A220001 | | 181,513 |
| Subtotal for AL No. 84.411 | | | | 1,616,509 |
| Subtotal: Department of Education- Direct | | | | 15,936,185 |
| Passthrough- OREGON DEPARTMENT OF EDUCATION | | | | |
| Oregon Aspiring Leaders Summer Institute | 84.027 | 15875 | H027A200095 | 27,045 |
| Passthrough- UNIVERSITY OF MINNESOTA | | | | |
| Initial Efficacy Trial of a Group-Based Implementation Strategy Designed to Increase | 84.305 | A008888703 | R305A210241-3 | 12,031 |
| Passthrough- ARCTIC SLOPE COMMUNITY FOUNDATION INC. | | | | |
| Writing and Revising Interventions to Excel: Using Learning Maps and interventions to improve written communication (WRITE for Alaska Native CTE students | 84.356 | 25781 ASCF | | 380,412 |
| Passthrough- CAST, INC. | | | | |
| CORGI 2020: Scaling Models for the Classrooms of Tomorrow | 84.327 | KUCR110119-24 | H327S190008 | 103,146 |
| Passthrough- NATIONAL CENTER ON DEAF BLINDNESS | | | | |
| Student Characteristics and Foundational Learning Map and Resource Development | 84.326 | 23602 | Special Education—Technical Assistance and Dissemination to Improve Services and Results for Children | 25,630 |
| Passthrough- CENTER FOR APPLIED SCIENCE TECHNOLOGY IN | | | | |
| Project COaching On Learning (COOL) for UDL Implementation | 84.326 | | | 42,620 |
| Passthrough- KANSAS DEPARTMENT OF EDUCATION | | | | |
| Kansas SPDG Evaluation | 84.323 | 652-18-1939 | SPDG Evaluation | 59,916 |
| SPDG Evaluation | 84.323 | 652-23-2254 | State Personnel Development Grant | 2,554 |
| Passthrough- LAS CRUCES PUBLIC SCHOOLS | | | | |
| Comprehensive Literacy State Development Grant - Las Cruces Public Schools | 84.371 | CSA20-21-01 | | 8,710 |
| Passthrough- MARYLAND STATE DEPARTMENT OF EDUCATION | | | | |

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UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.
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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Education (Continued)** | | | | |
| Passthrough- METROPOLITAN NASHVILLE PUBLIC SCHOOLS | | | | |
| GEAR UP Nashville Project | 84.334 | 2-00530-01 | Gaining Early Awareness and Readiness for Undergraduate Programs | $ 153,726 |
| Passthrough- PURDUE UNIVERSITY | | | | |
| Para-Impact: Professional Development with Teacher-as-Coach for Paraeducators of Elementary Students with Moderate-to-Severe Developmental Disabilities | 84.324 | 19100063-004 | | 59,388 |
| Passthrough- UNIVERSITY OF CONNECTICUT | | | | |
| Exploring Relationships between College and Career Readiness, Self-Determination, and Transition Planning among Adolescents with Disabilities | 84.324 | 450820 | R324A210245 | 32,696 |
| Passthrough- UNIVERSITY OF MISSOURI - COLUMBIA | | | | |
| Evaluating the Efficacy of a Daily Check-in/Check-out Intervention for Students At-Risk for Emotional and Behavioral Disorders | 84.324 | C00064320-2 | | 150,077 |
| Passthrough- UNIVERSITY OF TEXAS-AUSTIN | | | | |
| The Self-Determined Learning Model of Instruction for Reading (SDLMI-R): Improving Outcomes of Upper Elementary Students with or At-Risk for Reading Disability | 84.324 | UTA21-000354 | R324A210204 | 69,986 |
| Passthrough- UNIVERSITY OF WISCONSIN-MADISON | | | | |
| Item Development for New Forms of Alternate ACCESS for ELLs (Alt ACCESS Advancing ALTELLA: Alternate Assessment Redesign | 84.368 | 22-8755 | S368A190004 | 281,004 |
| Passthrough- UNIVERSITY OF IOWA | | | | |
| Evaluate effectiveness of Waterloo CSD & Council Bluffs CSD exploratory projects & statewide implementation of specially designed instruction, including evaluation of the State Identified Measure of R | 84.425 | S03566-01 | ESSER II and IDEA part B | 54,358 |
| Subtotal: Department of Education- Passthrough | | | | 1,463,299 |
| **Total: Department of Education** | | | | **17,399,484** |
| **Department of Energy** | | | | |
| Mechanistic Studies to Enable Aerobic Oxidation of C-H Bonds by ManganeseCatalysts | 81.049 | DE-SC0016359 | | 16,700 |
| Searches for New Physics in Standard Model Processes | 81.049 | DE-SC0017988 | | 65,285 |
| Probing Small-x QCD Dynamics With Hadronic Collisions | 81.049 | DE-SC0019389 | | (2) |
| Molecular to Mesoscale Targeting of Oxoanions with Multi-Tasking Hosts | 81.049 | DE-SC0018629 | | 26,330 |
| Uranyl Capture and Activation with Lewis Acids and Macrocyclic Hosts | 81.049 | DE-SC0019169 | | 150,417 |
| Searching for the Nature of Dark Matter and Dark Energy | 81.049 | DE-SC0019474 | | 58,772 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Energy (Continued)** | | | | |
| Direct | | | | |
| Ab Initio Machine Learning Algorithms for Modeling Kinetics on Amorphous Catalysts | 81.049 | DE-SC0019488 | | $ 336,781 |
| Understanding Rate Constants of Hydrated Electron Reactions | 81.049 | DE-SC0021114 | | 138,406 |
| Research in Heavy-Ion Nuclear Physics: Studying the initial state of QCD matter | 81.049 | DE-SC0020914 | | 324,711 |
| Electron transfer in heterostructures based on two-dimensional materials | 81.049 | DE-SC0020995 | | 119,148 |
| Theoretical Particle Physics in the Data-Driven Era | 81.049 | DE-SC0021447 | | 1,124 |
| Studying nuclear gluon dynamics using novel technologies with the ALICE experiment and at the Electron-Ion Collider Sponsor | 81.049 | DE-SC0023510 | | 71,283 |
| Using ARM observations and large-eddy simulation to constrain cloud processing of CCN in boundary-layer clouds over the Eastern North Atlantic | 81.049 | DE-SC0023083 | | 76,753 |
| Research in Heavy-Ion Nuclear Physics at CMS | 81.049 | DE-FG02-96ER40981 | | 639,619 |
| Subtotal for AL No. 81.049 | | | | 2,025,327 |
| Stationary Direct Methanol Fuel Cells Using Pure Methanol | 81.087 | DE-EE0008440 | | 305,432 |
| A NOVEL SMART MICROCHIP PROPPANTS TECHNOLOGY FOR PRECISION DIAGNOSTICS OF HYDRAULIC FRACTURE NETWORKS | 81.089 | DE-FE0031784 | | 528,659 |
| Critical Minerals in Coaly Strata of the Cherokee-Forest City Basin | 81.089 | DE-FE0032056 | | 888,532 |
| Subtotal for AL No. 81.089 | | | | 1,417,191 |
| Archaeological Curation Services (FY22-23), | 81.000 | Pesi1640.05 | | 30,367 |
| Subtotal: Department of Energy- Direct | | | | 3,778,317 |
| Passthrough- AMERICAN INSTITUTE OF CHEMICAL ENGINEERS | | | | |
| GAS SEPARATION USING FURAN-BASED POLYMER MEMBRANES - PROJECT H22020 | 81.087 | DE-EE0007888-06-09 | DE-EE007888-06-09 | 39,345 |
| Passthrough- HONEYWELL | | | | |
| Microfluidics Consortium: Solubility Model | 81.000 | N000459672 | DE-NA0002839 | 58,516 |
| 2D Semiconductor Reliability- KU | 81.000 | N000459660 | DE-NA0002839 | 28,597 |
| Predictive Model for Silicone Pad Failure and Predicting Uniaxial Compression of Foam Using Computer Vision | 81.000 | N000467468 | DE-NA0002839 | 465 |
| KU Special Communications | 81.000 | PO NN000468596 | | 85,740 |
| Next Generation Silicones for DIW | 81.000 | N000474370 | DE-NA0002839 | 14,576 |
| Flow synthesis of isocyanate terminated prepolymers | 81.000 | PO N000477021 | DE-NA0002839 | 5,044 |
| MASTER COLLABORATION AGREEMENT | 81.000 | | DE-NA0002839 | 885,929 |
| Cyclone Separator for Microspheres | 81.000 | N000442870 | DE-NA0002839 | 8,200 |
| Passthrough- JEFFERSON SCIENCE ASSOCIATES LLC | | | | |
| Services of EIC Fellowship Winner, Alexander "Sasha" Bylinkin, During the Period 02/01/22 - 05/31/22 | 81.000 | Purchase Order 22-D0507 | DE-AC0-06OR2317 | 9,606 |
| Radiation Hardness Tests of Glass Blocks and Software Development for Data Analysis and Simulations | 81.000 | JSA-22-R413253 PO 22-P1508 | DE-AC0-06OR2317 | 15,015 |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Energy (Continued)** | | | | |
| Passthrough- FERMI NATIONAL ACCELERATOR LABORATORY | | | | |
| High Luminosity (HL) LHC CMS Detector Upgrade Projects MIP Timing Detector | 81.000 | 678515 | DE-AC02-07CH11359 | $ 30,127 |
| Passthrough- KANSAS STATE UNIVERSITY | | | | |
| Integrated Anaerobic Membrance Bioreactor (AnMBR)-electro-assisted fermentation platform for total resource recovery from diverse wastewaters | 81.086 | A21-0320-S001 | DE-EE0009504 | 100,523 |
| Passthrough- LARGO CLEAN ENERGY CORP | | | | |
| Electrolyte Densification for Shipping (EDS) Process | 81.135 | 26076 | cooperative Agreement | 161,208 |
| Passthrough- NATIONAL RENEWABLE ENERGY LABORATORY | | | | |
| In-Situ X-Ray Photoelectron Spectroscopy for Advanced Catalyst Characterization | 81.087 | AHR-8-82109-01 | DE-AC36-08GO28308 | 1 |
| Passthrough- NEW MEXICO TECH | | | | |
| Carbon Utilization and Storage Partnership (CUSP) for the Western USA | 81.089 | P0019651 | DE-FE0031837 | 339,212 |
| Passthrough- NORTHERN ILLINOIS UNIVERSITY | | | | |
| 5-D dual-readout calorimetry for the Next Generation of HEP Experiments | 81.049 | G1A627765-1 | DE-SC0021123 | 21,615 |
| Passthrough- SANDIA NATIONAL LABORATORIES | | | | |
| Molecular Modeling of Fluid Properties at Mineral Interfaces | 81.000 | 2127658 | | 77,554 |
| Waveform diversity and signal processing capabilities for radar and multi-function operation in spectrally congested, contested, and constrained environments | 81.000 | 2237007 | DE-NA0003525 | 38,614 |
| Adaptive Waveform Development For Optimized ReTurns- Enhanced Scene Interpretation and Interference Mitigation(A WD Fort-e S1m) | 81.000 | 2415977 | | 79,776 |
| Passthrough- SUMNER COUNTY GOVERNMENT | | | | |
| Field Testing & Validation - Thermal Energy Storage in Public and Commercial Buildings in Sumner County, Kansas for Energy Savings, Demand reduction and Flexibility. | 81.086 | SCKS DE-EE-0009467-1 | DE-EE-0009467 | 58,803 |
| Passthrough- TRIAD NATIONAL SECURITY LLC | | | | |
| Parallel High-order Curvilinear Mesh Generation Algorithms and Software for Use with Computational Mechanics Simulations | 81.000 | 619744 | 89233218CNA000001 | 80,168 |
| Passthrough- UNIVERSITY OF CALIFORNIA SANTA CRUZ (UCSC) | | | | |
| Linking nutrient reactivity and transport in subsurface flowpaths along a terrestrial-estuarine continuum | 81.049 | A21-0274-S001 | DE-SC0021044 | 12,069 |
| Passthrough- UNIVERSITY OF MARYLAND - BALTIMORE | | | | |
| Characterizing the Variation and Covariation of Cloud Microphysical Properties and Implications for Simulation of Subgrid-scale Warm-Rain Processes in Earth System Models | 81.049 | OFED0010-01 | DE-SC0020057 | 60,430 |
| Passthrough- UNIVERSITY OF TEXAS-AUSTIN | | | | |
| GWPC-Regional Induced Seismicity Collaborative (RISC) | 81.089 | UTA18-000016 | DE-FE00027702 | 37,569 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Energy (Continued)** | | | | |
| Passthrough- VISTA CLARA, INC. | | | | |
| Switched-Field Surface NMR for Enhanced Detection and Resolution of Shallow Groundwater | 81.049 | | DE-SC00119671DE-SC00119671 | $ 5,766 |
| Dynamic NMR Logging Technologies for High-Resolution Measurement of Hydrogeologic Properties and Soil Response | 81.049 | 01182023GL | DE-SC0017096 | 5,175 |
| Subtotal: Department of Energy- Passthrough | | | | 2,259,643 |
| **Total: Department of Energy** | | | | **6,037,960** |
| **Department of Health and Human Services** | | | | |
| Direct | | | | |
| Kansas Serves Native American Families - KSNAF | 93.087 | 90CU0079 | | 254,868 |
| A Mobile Web-Based Parenting Intervention to Strengthen Social-Emotional Development of Very Low Birth Weight Infants | 93.110 | 6R40MC26822-03-03 | | 5 |
| Bridging the Word Gap Research Network | 93.110 | UA6MC27762 | | 22,939 |
| Bridging the Word Gap Research Network | 93.110 | 5U6DMC421970100 | | 194,002 |
| Subtotal for AL No. 93.110 | | | | 216,946 |
| Toxicogenomics of metal response in genetically-variable Drosophil populations | 93.113 | 5R01ES029922-03 | | 120,291 |
| Linking genomic, physiological, and behavioral responses using a Drosophila model of heavy metal stress | 93.113 | K99ES033257 | | 86,674 |
| Subtotal for AL No. 93.113 | | | | 206,965 |
| Peptide-Polymer Engineering Dentin/Adhesive Interfacial Bond Integrity | 93.121 | R01DE025476 | | 332,482 |
| Evaluation of a Comprehensive Approach to Address Youth Violence through the Kansas City Youth Violence Prevention Center | 93.136 | U01CE003375 | | 1,133,643 |
| Interactive book reading to accelerate word learning by children with SLI | 93.173 | R01DC012824 | | 279,635 |
| Morphosyntactic Abilities of SLI Probands | 93.173 | 5R01DC001803 | | 218,597 |
| A virtual vocal tract for speech output using non-invasive brain-computer interface | 93.173 | 1R01DC016343-02 | | 369,307 |
| Training Researchers in Language Impairments | 93.173 | T32DC000052 | | 193,410 |
| Genetic studies of specific language impairment (SLI) using consanguineous families | 93.173 | R21DC017830 | | 116,026 |
| Developing a caregiver-administered word learning treatment for children with Developmental Language Disorder (DLD) | 93.173 | 1K18DC019615-01 | | 12,897 |
| Increasing Word Learning Efficiency in Children who are Deaf and Hard of Hearing through Retrieval Practice | 93.173 | 1R21DC020017 | | 5,180 |
| Examining adaptive peer-mediated interventions for preschoolers with autism spectrum disorder and limited or no spoken language: A Sequential Multiple Assignment Randomized Trial | 93.173 | 1R01DC020418 | | 249,971 |
| More and Less Social Comprehension: Child and Text Factors for Autistic Children | 93.173 | R21DC020786 | | 59,250 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Direct | | | | |
| Subtotal for AL No. 93.173 | | | | $ 1,504,273 |
| Kansas Program to Improve the Health of People with Mobility Limitations and Intellectual Disabilities | 93.184 | 6 NU27DD000006 | | 9,145 |
| Care and Safety Practices during the COVID-19 Pandemic in Home-Based Long term Services and Supports | 93.226 | R01HS028172 | | 139,926 |
| Trauma exposure, emotion regulation and cognitive skills in early childhood: Prospective and longitudinal examination of the mechanisms of adjustment | 93.242 | R01MH079252 | | 79,089 |
| Motor abnormalities and functional brain mechanisms in autism spectrum disorder | 93.242 | R01MH112734 | | 236,177 |
| Ecological Momentary Assessment of Unhealthy Exercise and Affect in Eating Disorders | 93.242 | R36MH120943 | | 6,587 |
| Smart Technology for Anorexia Nervosa Recovery: A Pilot Intervention for the Post-Acute Treatment of Anorexia Nervosa | 93.242 | 1R34MH127022-01 | | 356,067 |
| Exploring predictors of response to a peer-mediated communication intervention for minimally verbal preschoolers with ASD | 93.242 | 1R21DC019215-01A1 | | 222,353 |
| Lateralization of sensorimotor behavior and cortical-cerebellar networks in autism | 93.242 | 1F31MH124340-01A1 | | 8,612 |
| Neurocircuit of Partner-seeking Following Social Loss | 93.242 | 1F31MH126572-01A1 | | 131,201 |
| Subtotal for AL No. 93.242 | | | | 1,040,086 |
| A cluster-randomized trial of a behavioral activation intervention administered in a college freshman orientation course | 93.273 | R01AA027791 | | 369,527 |
| Using Neuroeconomics to Characterize State-Based Increases and Decreases in Alcohol Value | 93.273 | R01AA027255 | | 250,297 |
| Subtotal for AL No. 93.273 | | | | 619,824 |
| Neuronal Circuits and Molecular Mechanisms Underlying Early Social Isolation-Potentiated Heroin Seeking | 93.279 | 1K01DA050908 | | 117,914 |
| The role of DNA breaks and repairs in opioid addiction | 93.279 | 1DP1DA056804 | | 200,855 |
| Subtotal for AL No. 93.279 | | | | 318,769 |
| Biotechnology Resource Center of Biomodular Multi scale Systems CBM2 for Precision Molecular Diagnostics | 93.286 | P41EB020594-06 | | (427) |
| Scanning Resonator Microscopy | 93.286 | R03EB027357 | | 273 |
| Biotechnology Resource Center for BioModular Multi-scale Systems (CBM2) for Precision Medicine | 93.286 | P41EB020584 | | 1,073,382 |
| mRNA Expression Profiling from Extracellular Vesicles (EVs): Generating a Rapid Diagnostic for Stroke | 93.286 | R01EB031579 | | 237,028 |
| Subtotal for AL No. 93.286 | | | | 1,310,256 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Direct | | | | |
| Comprehensive analysis of human adaptive immune receptors to elucidate correlates of Epstein-Barr virus disease suppression | 93.310 | DP5OD023118 | | $ (11,819) |
| A resource for the Genetic Analysis of Complex Traits | 93.351 | 5R01OD010974-10 | | 2,485 |
| A Resource for the Genetic Dissection of Complex Traits | 93.351 | 1R01OD034064-01 | | 78,573 |
| Subtotal for AL No. 93.351 | | | | 81,058 |
| Increased Sensitivity of Minimal Residual Disease Monitoring using Peripheral Blood in Pediatric Patients with Acute Lymphoblastic Leukemia | 93.394 | R33CA235597 | | 151,536 |
| Nano-Engineered Lab-on-a-Chip for Assessing HuR-Regulated Exosomes for Cancer Monitoring and Targeted Therapy | 93.394 | R01CA243445 | | 555,136 |
| Molecular Sub-typing Breast Cancer Patients using a Liquid Biopsy | 93.394 | R21CA272351 | | 73,877 |
| Subtotal for AL No. 93.394 | | | | 780,549 |
| Molecular cancer therapy targeting HuR-ARE interaction | 93.395 | 5R01CA191785-05 | | 25,760 |
| Targeted Proteomics of MUC16 to Enable Early Detection of Ovarian Cancer Recurrence | 93.395 | 7R21CA267532-02 | | 166,532 |
| Subtotal for AL No. 93.395 | | | | 192,292 |
| Research and Training Center on Community Living | 93.433 | 90RT5043-04-01 | | 290,356 |
| Promoting Career Design and Development via Telehealth for Rural Adults with Intellectual and Developmental Disabilities | 93.433 | 90IFRE0039 | | 215,822 |
| Using the National Survey on Health and Disability Panel to Document the COVID-19 Pandemic Experiences of Working-Age Americans with Disabilities | 93.433 | 90IFRE0050 | | 165,502 |
| Subtotal for AL No. 93.433 | | | | 671,680 |
| Kansas State Grant for Assistive Technology | 93.464 | 2001KSATG | | 32,816 |
| Kansas State Plan for Assistive Technology | 93.464 | 2101KSATSG-02 | | 272,791 |
| ATPH-Expanding the Public Health Workforce within the Disability Network: AT St. Grants | 93.464 | 2201KSATPH-00 | | 77,031 |
| Kansas State Plan for Assistive Technology 2021-2023 | 93.464 | 2201KSATSG | | 160,749 |
| Subtotal for AL No. 93.464 | | | | 543,387 |
| Kansas Invests in Families (KInvest) | 93.556 | 90CW1150 | | 268,731 |
| Head Start Collaboration Office Needs Assessment | 93.600 | | | 1,525 |
| AOD - Supported Decision Making Across the Lifespan Planning Grant | 93.631 | 90DNDM000301 | | 1 |
| Kansas Self-determined Transition Employment Partnership (K-STEP): Youth-Led Systems Change for Enhanced Transition and Employment Outcomes | 93.631 | 90DNCE0002 | | 188,066 |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Direct | | | | |
| State of the States in Developmental Disabilities-On-going Data Collection and Information Dissemination: 2018 | 93.631 | 90DNPA0004 | | $ 445,717 |
| Subtotal for AL No. 93.631 | | | | 633,784 |
| Kansas University Center on Developmental Disabilities (KUCDD) | 93.632 | 90DDUC0033 | | 84,571 |
| Coming Together and Moving Forward: Supporting Integrated, Community-Based Transition in Kansas | 93.632 | 90DDUC0084-01-00 | | (98) |
| Supporting People with Disabilities with Vaccine Access during COVID-19 in Kansas | 93.632 | 90DDC50034-01-00 | | 18,234 |
| Kansas Self-Determined Transition Taskforce: Moving Forward To Enhance Transition Outcomes | 93.632 | 90DDCI0003 | | 188,479 |
| Expanding the Public Health Workforce in Kansas | 93.632 | 90UCPH0004-01-00 | | 60,181 |
| Kansas University Center on Developmental Disabilities: 2022-2027 | 93.632 | 90DDUC0096 | | 443,107 |
| Subtotal for AL No. 93.632 | | | | 794,474 |
| Universal Prevention for Strong and Thriving Families (Family Strong) | 93.648 | 90CT7013-01-00 | | 679,639 |
| Kansas Strong for Children and Families (Kansas Strong) | 93.652 | 90CO1139 | | 1,910,197 |
| Integrated Health Scholars: Partnerships to Advance Practice | 93.732 | M01HP31360 | | 649,813 |
| Weight management in rural health clinics | 93.847 | R01DK108732 | | 184,189 |
| Roles for Adenomatous polyposis coli in colon injury prevention and wound healing | 93.847 | 1R01DK132320-01 | | 88,062 |
| Subtotal for AL No. 93.847 | | | | 272,251 |
| Structural and functional connectivity of the social decision-making network | 93.853 | 3R01NS113104-02S1 | | 442,626 |
| A Novel Pharmacologic Approach to Treat CMT1X | 93.853 | 4R33NS11435 | | 302,188 |
| Regulation of directed neuroblast migration by the ECM and MAB-5/Hox | 93.853 | 1R01NS115467-01A1 | | 405,642 |
| Wearable real-time functional brain mapping for a non-human primate stroke model | 93.853 | R01NS118918 | | 466,670 |
| Subtotal for AL No. 93.853 | | | | 1,617,126 |
| Regulation of Virulence Gene Expression in Chlamydia | 93.855 | 5R01AI079083-05 | | (766) |
| Assembly/function of the sorting platform of the Shigella type III secretion apparatus | 93.855 | R01AI123351 | | 21,255 |
| Generating Native Env Glycosylation in HIV Vaccine Candidates | 93.855 | 5R01AI125093-02 | | (731) |
| The causes of balancing selection on immunity genes: from populations to molecular interactions. | 93.855 | 1RO1AI139154-01 | | 266,478 |
| Vaccines to counter emerging antibiotic resistance | 93.855 | R01AI138970 | | 68,600 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Direct | | | | |
| Identification of CYP5122A1 inhibitors as chemical probes for Leishmania biology | 93.855 | 5R01AI139198-03 | | $ 274,394 |
| Comprehensive molecular and functional analyses of anti-HIV-1 antibody repertoires | 93.855 | R21AI143407 | | 82,824 |
| Identifying functional targets of HSV-1 ICP0-directed degradation | 93.855 | R21AI154302 | | 74,886 |
| Resistance-gene-guided genome mining for novel antifungal compounds | 93.855 | R21A1156320 | | 145,685 |
| A vaccine specifically targeting T3SS-negative Pseudomonas aeruginosa | 93.855 | 1R21AI164616-01 | | 5,663 |
| Identifying the targets of virus-induced PARPs during SARS-CoV-2 infection | 93.855 | 1R21AI173781-01 | | 34,656 |
| Subtotal for AL No. 93.855 | | | | 972,944 |
| Molecular Analysis of Disease Pathways | 93.859 | 5P20GM103638 | | 503,641 |
| KU Post Baccalaureate Research Education Program (PREP) | 93.859 | R25GM078441 | | 307,151 |
| 500 Nations Bridge Collaboration: Haskell Indian Nations University / U of Kansas | 93.859 | R25GM060182 | | 14,507 |
| Designed Beta-strands for inhibiting efflux pumps and disabling antibiotic resistance | 93.859 | 1DP2GM128201-01 | | 2,925 |
| Mechanisms of Gamma-Secretase | 93.859 | R01GM122894 | | 158,381 |
| University of Kansas/Haskell Indian Nations University IRACDA Project | 93.859 | 5K12GM063651-18 | | 455,631 |
| Mass Spectrometry Measurements for Complex PTMS | 93.859 | 5R35GM130354-03 | | 289,975 |
| Graduate Training at the Biology-Chemistry Interface | 93.859 | T32GM132061 | | 340,753 |
| Enhanced Sampling of G-Protein-Coupled Receptor-G Protein Interactions | 93.859 | R01GM132572 | | 276,165 |
| MARC at The University of Kansas | 93.859 | T34GM136453 | | 331,235 |
| Determining mechanisms of innate immune modulation by ADP-ribosylation | 93.859 | R35GM138029 | | 339,961 |
| Quorum sensing evolution and function in mixed bacterial communities | 93.859 | R35GM133572 | | 408,375 |
| Chemical Biology of Infectious Disease | 93.859 | 2P20GM113117 | | 2,736,414 |
| Tethered aza-Wacker Technology for Complex Antibiotic Assembly | 93.859 | R35GM142499 | | 339,312 |
| Biomaterial technologies for interrogating sex differences in tissue repair and homeostasis | 93.859 | R35GM143081 | | 390,070 |
| Molecular Analysis of Disease Pathways | 93.859 | 1P30GM145499 | | 759,096 |
| Integrated Resource for Protein Recognition Studies | 93.859 | 2R01GM074255 | | 384,501 |
| Bridges to the Baccalaureate Research Training Program at the University of Kansas/Haskell Indian Nations University | 93.859 | 1T34GM142615-01A1 | | 82,685 |
| Modulating gene expression by RNA-targeting chimeras | 93.859 | 1R35GM147498-01 | | 342,265 |
| New catalytic strategies to make non-proteinogenic peptides | 93.859 | 1R35GM147169-01 | | 346,984 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Direct | | | | |
| SCISIPBIO: Examining the Career Barriers Confronting African American or Black Biomedical Scientists | 93.859 | 1R01GM148816 | | $ 36,684 |
| Subtotal for AL No. 93.859 | | | | 8,846,711 |
| The effects of parenting on the development and behavior of FXS adolescents | 93.865 | 5R01HD084563-05 | | 7,364 |
| Kansas Intellectual and Developmental Disabilities Research Center | 93.865 | U54HD090216 | | 502,962 |
| Individual and family-based approaches to increase physical activity in adolescents with IDD | 93.865 | R01HD094704 | | 484,121 |
| Validation of an outcome measure of early social-communication for young children with ASD | 93.865 | R01HD100364 | | 103,035 |
| Examining Biobehavioral Mechanisms of Extreme Eating Behaviors in Young Children with ASD | 93.865 | F32HD101311 | | 11,825 |
| Young Infants' Detection of Emotion | 93.865 | 1K99HD101500-02 | | 13,844 |
| Gatlinburg Conference on Research in ID/DD | 93.865 | R13HD102142 | | 17,532 |
| Parent-implemented treatment for repetitive behaviors in children with ASD: Using a novel telehealth approach to increase service access | 93.865 | 5R01HD105036 | | 438,682 |
| The Role of Hostile Attribution Bias and Working Memory in the Link between Trauma Exposure and Violence in Justice-Involved Youth | 93.865 | F31HD106745 | | 33,554 |
| FXS: Late Adolescence and Early Adulthood | 93.865 | 2R01HD084563-06A1 | | 223,253 |
| Subtotal for AL No. 93.865 | | | | 1,836,172 |
| Sporadic Alzheimer's Disease: A Bioenergetic Etiology? | 93.866 | 1R01AG061038-02 | | 314,313 |
| A Dyadic Approach for a Remote Physical Activity Intervention in Adults with Alzheimer's Disease and their Caregivers | 93.866 | R01AG061187 | | 883,147 |
| Synapse structural dynamics and memory loss in mouse models of Alzheimer's disease | 93.866 | R01AG064067 | | 366,718 |
| Remediation of elevated delay discounting in mid-life individuals: A stage-II trial | 93.866 | R01AG048904 | | 272,087 |
| Structure and Function of Gamma-Secretase in Familial Alzheimer's Disease | 93.866 | R01AG066986 | | 731,116 |
| Mitochondria targeting for Alzheimer's Disease | 93.866 | 3R21AG070460 | | 147,187 |
| A Study of Race Differences in Alzheimer's Disease Biomarkers | 93.866 | RF1AG072760 | | 427,200 |
| Ghsr1a and Hippocampal Pathology in Alzheimer's Disease | 93.866 | RAG059753 | | 278,891 |
| Mitochondrial ATP Synthase Dysfunction and Synaptic Stress in Alzheimer's Disease | 93.866 | RAG053588B | | 117 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Direct | | | | |
| mtDNA leakage and STING-dependent microglial innate immune response in Alzheimer's disease | 93.866 | 1R01AG075108 | | $ 282,393 |
| Reshaping ApoE4 and Alzheimer's Brains with ApoE2 | 93.866 | 1R01AG071682-01A1 | | 450,966 |
| Neurodegenerative mechanisms of motor, executive, and memory decline in females with Fragile X-associated tremor/ataxia syndrome (FXTAS) | 93.866 | R21AG080923 | | 3,793 |
| Subtotal for AL No. 93.866 | | | | 4,157,928 |
| Precisely removing microvessels by photo-mediated ultrasound therapy | 93.867 | R01EY029489 | | 234,090 |
| Preventing Youth Violence by Addressing Social Determinants Through the KC Youth Violence Prevention Project | 93.910 | YEPMP170096- | | 3,391 |
| Subtotal: Health and Human Services- Direct | | | | 32,223,106 |
| Passthrough- ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES | | | | |
| Act Early Ambassador 2022 - 2024 | 93.283 | | Learn the Signs. Act Early Program | 2,356 |
| Act Early Ambassadors: State or Territorial Liaisons to CDCs, Learn the Signs. Act Early Program | 93.837 | | | 843 |
| Passthrough- BBC ENTREPRENEURIAL TRAINING AND CONSULTING LLC | | | | |
| The Sustainable Heartland Accelerator Regional Partnership (SHARP) Hub | 93.859 | Supplement | 3UT2GM130175-02S1 | (1) |
| Passthrough- BIOFLUIDICA | | | | |
| Increased sensitivity of minimal residual disease monitoring using peripheral blood in pediatric patients with B type acute lymphoblastic leukemia (B-ALL) | 93.394 | 21518 | 1R44CA224848-01A1 | 94,953 |
| Passthrough- BRIGHAM & WOMEN'S HOSPITAL RESEARCH ADMINISTRATION | | | | |
| Leveraging Heterogeneity in Autosomal Dominant AD to Elucidate Pathophysiology and Improve AD Biomarkers | 93.866 | 127688 | 1RF1AG079569-01 | 220,361 |
| Passthrough- CHRISTOPHER & DANA REEVE FOUNDATION | | | | |
| Accessible Recreation: Playing Electronic Games Independently to Increase Health & Social Connection | 93.325 | | 90PRRC0002-01-01 | 1 |
| Passthrough- CRAWFORD COUNTY | | | | |
| Certified Behavioral Health Clinic (CCBHC) Planning, Development, and Implementation Grant Project Evaluation --Crawford County | 93.696 | 27209 | H79SM086722 | 110,343 |
| Passthrough- CONTINUUM EDUCATIONAL TECHNOLOGIES PBC | | | | |
| Smart Tools to Accelerate Research Translation by Uplifting Participants for the Central IDeA State Region (STARTUP Central) | 93.859 | 27004 | 1UT2GM148086-01 | 30,998 |
| Passthrough- DIRECTSYNC SURGICAL, LLC | | | | |
| Spinal Fusion Implant with Integrated Fusion Progression Diagnostic Capability | 93.846 | SRA27460 | | 3,067 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Passthrough- DUKE UNIVERSITY | | | | |
| HIV-1 vaccine-elicited antibodies target envelope glycans | 93.855 | A0337643 | 2R01AI120801-06 | $ 2,594 |
| Novel Immunogens to Elicit Broadly Cross-reactive Antibodies that Target the Hemagglutinin Head Trimer Interface. | 93.855 | A035386 | 1R01AI155804-01A1 | 47,898 |
| Duke Center for HIV Structural Biology: Protein analytics support to characterize Env Proteins | 93.855 | 303000855 | 1U54AI170752-01 | 37,307 |
| Passthrough- EMORY UNIVERSITY | | | | |
| Emory Home Visiting Program | 93.434 | A630801 | 90TP0070 | 6,640 |
| Passthrough- FAMILIES AND COMMUNITIES RISING, INC. | | | | |
| 2019 National Center for Community-Based Child Abuse Prevention | 93.590 | | | (1,461) |
| 2019 National Center for Community-Based Child Abuse Prevention | 93.590 | | | (206) |
| National Center for Community-Based Child Abuse Prevention | 93.590 | 90CZ0024 | | |
| National Center for Community-Based Child Abuse Prevention | 93.590 | 2021-2022 KU CBCAP ARPA | 90CZ0027 | 24,254 |
| National Center for Community-Based Child Abuse Prevention | 93.590 | 2021-2022 KU CBCAP ARPA | 90CZ0027 | 23,256 |
| National Center for Community-Based Child Abuse Prevention | 93.590 | | 90CZ0027 | 44,672 |
| Passthrough- FUTURES WITHOUT VIOLENCE | | | | |
| A Quality Improvement center on domestic violence in child welfare | 93.670 | 3037 Addendum #1 | 90CA 1850-04 | 42,146 |
| Passthrough- GEORGIA INSTITUTE OF TECHNOLOGY | | | | |
| Discovering novel predictors of minimally verbal outcomes in autism through computational modeling | 93.173 | AWD-004137-G1 | R01DC020048 | 77,255 |
| Passthrough- HENRY FORD HEALTH SYSTEM | | | | |
| Reducing Maternal Delay Discounting as a Target Mechanism to Decrease Harsh Parenting and Improve Child Mental Health Outcomes in a Traditionally Underserved Community | 93.242 | B11239UK | 1R34MH123602-01A1 | 20,495 |
| Improving Delay Discounting to Decrease Harsh Parenting among Parents Receiving Substance Use Treatment in a Low Resource Community | 93.279 | B11238UK | 1R34DA053524- | 22,113 |
| Improving Decision Making to Prevent Substance Misuse among Adolescents from Traditionally Underserved Communities | 93.279 | B11256UK | 1R34DA056732 | 3,674 |
| Passthrough- HORIZONS MENTAL HEALTH CENTER | | | | |
| CCBHC Expansion Grants | 93.829 | 24921 | H79SM083196 | 116,971 |
| Passthrough- IDAHO STATE DEPARTMENT OF EDUCATION | | | | |
| Idaho Advancing Wellness and Resiliency in Education (ID-AWARE) | 93.243 | 217822 | | 8,917 |
| SECTR: Idaho Lives Project (ID-AWARE) | 93.243 | 22-7911 | AWARE-SEA | 45,351 |
| Idaho Advancing Wellness and Resiliency in Education (ID-AWARE) | 93.243 | 23-7905 | | 86,923 |
| Passthrough- IOWA DEPARTMENT OF HUMAN SERVICES | | | | |
| Iowa ROM 2021 - 2026 | 93.658 | ACFS 21-206 | | 60,164 |
| Passthrough- INTERNATIONAL AIDS VACCINE INITIATIVE | | | | |
| MASTER AGREEMENT: INTERNATIONAL AIDS VACCINE INITIATIVE | 93.000 | | HHSN272016000111 | 620 |

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| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Passthrough- JOHNS HOPKINS UNIVERSITY | | | | |
| An Examination of the Joint Contributions of Socioeconomic Disadvantage, Genetics, and COVID-19 on the Development of Delay Discounting and Substance Use Across Adolescence | 93.279 | 2005711194 | R01DA057552 | $ 2,121 |
| Passthrough- KANSAS CHILD CARE TRAINING OPPORTUNITY | | | | |
| Infant-Toddler Specialist Network: KCCTO-KITS Partnership | 93.575 | 23358 | EES-2021-ITSN-01 | (376) |
| Statewide Infant-Toddler Specialist Network: KCCTO-KITS Collaboration - 2021-2022 | 93.575 | 23358 | | 62,513 |
| Statewide Infant-Toddler Specialist Network: KCCTO-KITS Partnership FY 2023 | 93.575 | | EES-2021-ITSN-01 | 935,706 |
| Passthrough- KANSAS DEPARTMENT FOR CHILDREN AND FAMILIES | | | | |
| E.P.I.C. Skillz Project - FY 19 | 93.558 | EES-2018-KUEPIC-01 | | |
| Kansas Enrichment Network FY 2021 - 2023 | 93.575 | 49429 | Child Care and Development Block Grant | 55,655 |
| Kansas Navigator Series for Supported Decision-Making | 93.630 | KCDD-2023-KUCR-01 | 2201KSSCDD-D2 | 29,736 |
| Prevention Grant Evaluation, Families First Prevention Services Act | 93.658 | PPS-2019-FFPEV | | 966,844 |
| Passthrough- KANSAS CHILDREN'S CABINET AND TRUST FUND | | | | |
| HHS/ACF Preschool Development Grant Birth through Five | 93.434 | 90TP0078 | HHS-2019-ACF-OCC-TP-1579 | |
| HHS/ACF Preschool Development Grant Birth through Five | 93.434 | 90TP0078-02 | 90TP0078-02 | (880) |
| HHS/ACF Preschool Development Grant Birth through Five | 93.434 | PO12995 | LOC fund 3592-3070-Z01023 | 2,929,796 |
| Kansas PDG B-5 Planning Grant 2 | 93.434 | | 90TP0112-01 | 369,946 |
| KS ECIDS Distinct Count of Children Project | 93.558 | | | 325,445 |
| Kansas Workforce Registry | 93.575 | | | 296,348 |
| Community-Based Grants for the Prevention of Child Abuse and Neglect (CBCAP) | 93.590 | KUCR-CC-CBCAP-2021-2024-C | | 193,316 |
| Community-Based Grants for the Prevention of Child Abuse and Neglect (CBCAP) | 93.590 | G-210LSBCAP | 210LSBCAP | 176,208 |
| WellBeing Mapping CBCAP Program | 93.590 | | 2101KSBCC6/BCC6 | 40,698 |
| Passthrough- KANSAS DEPARTMENT FOR AGING AND DISABILITY SERVICE | | | | |
| Supported Employment Program | 93.243 | | | |
| CABHI-States | 93.243 | | | (1,137) |
| Medicaid Waiver Functional Eligibility Instrument - HCBS PACE Research | 93.793 | | | 78 |
| Passthrough- KANSAS DEPARTMENT OF EDUCATION | | | | |
| Connected Families, Connected Communities - Every Child Thrives! | 93.434 | 652-19-1989 | HHS-2018-ACF-OCC-TP-1379 | |
| Passthrough- KANSAS DEPARTMENT OF HEALTH & ENVIRONMT | | | | |
| Medical Entomology Subject Matter Expert for EHC | 93.070 | 48567 UKCR | NUE1EH001416 | 3,110 |
| MAVIS Project KCC Perinatal Behavioral Health Activities | 93.088 | 48567 UKCR - Task Order 22052 | ASTWH210098 | 40,285 |
| Kansas Early Childhood Comprehensive Systems | 93.110 | | | 1,497 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Passthrough- KANSAS DEPARTMENT OF HEALTH & ENVIRONMT (Continued) | | | | |
| Master Agreement | 93.110 | 48567 - TO 21007 | 5UK3MC322410300 | $ 197,745 |
| KSKidsMAP, IRIS Expansion | 93.110 | 23099 | | 788 |
| Kansas Connecting Communities (KCC) Year 5; MAVIS Year 2 | 93.110 | 48567, TO 23026 | UK3MC32241 and ASTWH210098 | 424,066 |
| COVID-19 Vaccination Education and Outreach | 93.129 | 48567 TO23056 | H8GCS48067-01-00 | 20,507 |
| CPTED toolkit development | 93.136 | TO22002 | | 24 |
| Sexual Violence Primary Prevention Community Based Project Evaluation | 93.136 | TO22057 | 5NUF2CE002495 | 72,417 |
| Evaluation of Programs at KU Sexual Assault Prevention and Education Center | 93.136 | TO 22051 | 5NUF2CE002495 | 31,332 |
| Sexual Violence Primary Prevention Community-Based Evaluation | 93.136 | TO 23051 under contract 48567 | NUF2CE002495 | 10,147 |
| Evaluation of Programs at KU Sexual Assault Prevention and Education Center | 93.136 | TO 23053, Contract 48567 | 5NUF2CE002495 | 273 |
| Community Health Access Section Kansas Statewide Farmworker Health Program Evaluation | 93.224 | TO22008 | | 27,101 |
| REDCap Vaccine Administration Forms | 93.268 | KDHE-TO-21038 | CDCRFA-IP19-1901 | (11,838) |
| REDCap Vaccine Administration Forms | 93.268 | KDHE-TO-21038 | CDCRFA-IP19-1901 | 12,290 |
| COVID-19 Vaccination Campaigns for Women Transitioning from Incarceration | 93.268 | | 6NH23IP922627-02-06 | 401 |
| Medical Entomology Subject Matter Expert | 93.323 | 48567, Task Order 21043 | NU50CK000549 | 39,589 |
| KDHE Master Agreement - Ripple Effects Mapping - Task Order 22032 | 93.387 | 22032 | 5NU58DP006823 | 5,748 |
| Our Tomorrows (KDHE Health Equity) (TO 22066) | 93.391 | 22066 | | 31,905 |
| Development of a Validated Allocation Plan Instrument for Work Opportunities Reward Kansans (WORK) | 93.768 | KDHE2015-075 | | (178) |
| Equipment Exchange: Increasing Access to | 93.778 | KDHE2014-11 | | 3,680 |
| Equipment Exchange: Increasing Access to Durable Medical Equipment (DME) | 93.778 | KDHE2014-011 | | 3,680 |
| Assistive Technology for Kansans | 93.778 | 21034 | | 88,099 |
| Medicaid Equipment Exchange | 93.778 | 21035 | | 286,612 |
| Healthy Start Initiative: Eliminating Disparities in Perinatal Health | 93.926 | PO53720 | | 152 |
| Second Step Evaluation Project | 93.991 | 48567 UKCR | NB01OT009228 | 36,831 |
| CSHCN System of Care Survey | 93.994 | TO21041 | | 1,755 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Passthrough- KANSAS DEPARTMENT OF HEALTH & ENVIRONMT (Continued) | | | | |
| KDHE DAISEY Year 8-11 | 93.994 | TO 22074, Contact 48567 | Maternal And Child Health Services Block Grant To The States | $ 305,292 |
| KDHE DAISEY Year 8-11 | 93.994 | TO 22074, Contact 48567 | Maternal And Child Health Services Block Grant To The States | 8,789 |
| Monitoring and Evaluating Implementation of the MCH State Action Plan | 93.994 | 48567: TO 22075 | B04MCH453217 | 102,300 |
| Child Care Workforce Appreciation Payments - REDCap Application | 93.994 | 48567 | KDHE CCL/ DCF ARPA | 6,165 |
| Limited-Scope, Interim Year MCH Needs Assessment (TO 23016) | 93.994 | 23016 | | 125,567 |
| CARE Project Referral Network - IRIS (TO 23027) | 93.994 | TO23027 | 2642665103-1000-1550-2165 | 42,210 |
| Passthrough- KANSAS STATE UNIVERSITY | | | | |
| Small Molecule Protease Inhibitors against MERS-CoV | 93.855 | S18147 | | 49,493 |
| Discovery of Hsp100-selective inhibitors for targeting multiple microbial pathogens | 93.855 | A00-1041-S001 | R01AI141586 | 103,836 |
| Discovery of Hsp100-selective inhibitors for targeting multiple microbial pathogens | 93.855 | A00-1041-S002 | R01AI141586 | 19,474 |
| Small molecule inhibitors against 3C-like protease of SARS-CoV-2 | 93.855 | A22-0151-S001 | R01AI161085 | 58,441 |
| Small molecule inhibitors against 3C-like protease of SARS-CoV-2 | 93.855 | A22-0151-S001 | R01AI161085 | 29,811 |
| Developing Bacterial Glycosyltransferase Inhibitors as Anti-Virulence Drugs | 93.855 | A21-0198-S001 | R56AI153202 | 130,710 |
| Passthrough- KATHERA BIOSCIENCE INCORPORATED | | | | |
| Ess1: A pathogenic fungal target for a novel class of broad-spectrum therapeutic agents | 93.855 | R43A116-SUB | R43AI162468 | 3,064 |
| Passthrough- KICKAPOO TRIBE | | | | |
| Kickapoo Tribe in Kansas SAMHSA Circle of Care Program Evaluation | 93.243 | 19940 | 5H79SM08012-02 | |
| Kickapoo Native Connections Evaluation | 93.243 | 24036 | 1H79SM082694-01 | 16,425 |
| Kickapoo Tribe in Kansas Tribal CBCAP | 93.59 | 19343 | | |
| Grants to Tribes, Tribal Organizations and Migrant Programs for Community-Based Child Abuse Prevention Programs | 93.59 | 1774-000 | 90CA1874 | 56,634 |
| Behavioral Health Integration Initiative | 93.654 | 26414 | BH171HS0020 | 120,069 |
| Kickapoo Practices for Wellness Evaluation and Performance Plan | 93.762 | 21173 | NU58DP006395 | |
| Kickapoo Opioid Response Project | 93.788 | 24254 | | |
| Kickapoo TOR Return to Community Program | 93.788 | 27273 | H79T1085715 | 25,045 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Passthrough- KINIMMUNE | | | | |
| Development of a tumor-retentive immunostimulant as adjunct therapy for solid | 93.395 | SUB27340 | R41CA272024 | $ 59,952 |
| Passthrough- LANGSTON UNIVERSITY (PUBLIC UNIVERSITY) | | | | |
| RRTC: Equity Center in Employment Domain | 93.433 | LU-520133-2 | 90RTEM0009-01-00 | 57,173 |
| Passthrough- LEIDOS BIOMEDICAL RESEARCH INC. | | | | |
| Development and Application of Antibody Optimization Technologies to Improve Public Health | 93.000 | 18X007 | HHSN26120080000 1E | 156,732 |
| Passthrough- LOUISIANA STATE UNIVERSITY | | | | |
| Small molecules for perturbing iron homeostasis in bacterial biofilms | 93.855 | PO0000191609 | R01AI169344 | 72,930 |
| Passthrough- MASSACHUSETTS GENERAL HOSPITAL | | | | |
| Multimodal Dynamics of Parent-Child Interactions and Suicide Risk | 93.242 | 241821 | 1R21MH130767-01 | 2,678 |
| Passthrough- MCLEAN HOSPITAL | | | | |
| SCH: INT: Collaborative Research: Context-Adaptive Multimodal Informatics for Psychiatric Discharge Planning | 93.242 | 401780 | 1R01MH125740-01 | 10,990 |
| Passthrough- MICHIGAN STATE UNIVERSITY | | | | |
| Minding A Mid-America Gap: NIDA/NIAAA Epidemiology Research Training for Clinical Researchers and Clinicians in Currently Under-Served Areas | 93.279 | RC111814B | R25DA051249 | 1,601 |
| Passthrough- MINNESOTA DEPARTMENT OF EDUCATION | | | | |
| Minnesota Interagency Community Voice & SenseMaking Project | 93.434 | 224436 | 90TP0115-01-00 | 69,852 |
| Passthrough- NEW MEXICO CHILDREN, YOUTH & FAMILIES | | | | |
| New Mexico ROM FY2021 | 93.556 | 21-5000-21071 | G-1801NMFPSS | 83,142 |
| Passthrough- NORTHWESTERN UNIVERSITY | | | | |
| A Family-Genetic Study of Autism and Fragile X Syndrome | 93.242 | 60054681 | R01MH091131 | 20,253 |
| Passthrough- OK DEPARTMENT OF MENTAL HEALTH & SUBSTANCE ABUSE | | | | |
| Oklahoma Partnership Initiative, Phase 3: Program Evaluation | 93.087 | | 90CU009301 | 17,328 |
| Oklahoma Partnership Initiative, Phase 3: Program Evaluation FY23 | 93.087 | Purchase Order 4529065311 | 90CU009301 | 38,500 |
| Oklahoma Infant Toddler Court Program (OKITCP) | 93.110 | | | 86,121 |
| Passthrough- OREGON DEPARTMENT OF HUMAN SERVICES | | | | |
| Oregon ROM Reports System | 93.658 | 133972 | | 102,496 |
| Passthrough- PHOTOSONOX, LLC | | | | |
| Photo-mediated ultrasound therapy for treatment of cutaneous vascular malformations | 93.286 | 23407 | R41EB030875 | 7,956 |
| Passthrough- PRAIRIE BAND | | | | |
| SAMHSA Garrett Lee Smith Grant Implementation Support Contract: Prairie Band Potawatomi Nation Youth Wellness Services | 93.243 | PBWC2021-0001 | 1H79SM082132-01 | 139,409 |
| Passthrough- SAINT FRANCIS COMMUNITY SERVICES | | | | |
| KS, NE and TX fathers, couples, and co-parents whose children are involved in the child welfare system will gain the skills and knowledge to be better parents through Saint Francis Fatherhood FIRE | 93.086 | 24372 | 90ZJ0047-01-00 | 181,047 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Passthrough- SEATTLE CHILDREN'S HOSPITAL | | | | |
| Structural Genomics Center for Infectious Disease | 93.000 | 12797SUB | HHSN27220170005 | $ 92,864 |
| Seattle Structural Genomics Center for Infectious | 93.000 | | Centers for | 441,154 |
| Seattle Structural Genomics Center for Infectious Disease Renewal | 93.000 | 12917SUB | 75N93022C00036 | 52,110 |
| Passthrough- STANFORD UNIVERSITY | | | | |
| Creating high-resolution, epitope-focused vaccines | 93.31 | 62818678-160634 | DP1AI58125 | 140,826 |
| Passthrough- THE CITY UNIVERSITY OF NEW YORK | | | | |
| Special Interest Project #4 Disability and Health Date Collaborative: Using Data to Promote the Health and Wellness | 93.135 | CM00009022 | 6U48DP006396-04-01 | 24,942 |
| Passthrough- UNIV OF CALIFORNIA - BERKELEY | | | | |
| STEM Escape: Immersing urban and rural families in biomedical mysteries | 93.351 | 00010137 | 1R25GM132971-01 | 30,553 |
| Passthrough- UNIV OF NORTH CAROLINA AT CHAPEL HILL | | | | |
| Nanopore Methods for Determining Capsid Viability | 93.103 | 5122517 | | 155,891 |
| Validation of an Outcome Measure of Early Social-Communication for Young Children with ASD | 93.242 | | | 10,050 |
| Passthrough- UNIVERSITY OF CALIFORNIA - LOS ANGELES | | | | |
| Community-Based Self-Determination Intervention to Enhance Goal Setting and Attainment Targeting Employment, Postsecondary Education, Community Participation, and Physical Health Outcomes | 93.110 | | UT2MC39440 | 16,139 |
| Autism Intervention Research Network on Behavioral Health (AIR-B) | 93.877 | 2000 G YC232 | UT339436 | 172,995 |
| Autism Intervention Research Network on Physical Health (AIR-P) | 93.877 | 1557GZB332 | UT2MC39440 | 16,175 |
| Mapping My Health: A Community Mapping Intervention to Enhance the Self-Determination and Physical Health and Well-Being of Autistic Adolescents | 93.877 | 26133 | UT2MC39440 | 30,942 |
| Passthrough- UNIVERSITY OF CALIFORNIA - SAN DIEGO | | | | |
| Engineering Native E. coli to Detect, Report, and Treat Colorectal Cancer - 1 U01 CA265719-01 | 93.394 | 704918 | 1U01CA265719 | 1,426 |
| Passthrough- UNIVERSITY OF DENVER COLORADO SEMINARY | | | | |
| Prenatal Pathways for Poverty's Influence on the Brains of Two Generations | 93.865 | SC37547-04-00 / PO168130 | R01HD090068 | 613 |
| Passthrough- UNIVERSITY OF FLORIDA | | | | |
| Integrative Functional Profiling of Tumor-Derived Extracellular Vesicles | 93.394 | SUB00002779 | R33CA252158 | 51,608 |
| Passthrough- UNIVERSITY OF GEORGIA | | | | |
| USING NEUROECONOMICS TO UNDERSTAND ALCOHOL OVERVALUATION IN ALCOHOL USE DISORDER | 93.273 | SUB00002433 | R01AA025911 | 19,212 |
| The Role of Fathering in the Language Development of Young, Low-Income African American and Latino Children | 93.865 | SUB00003084 | R01HD100557 | 23,528 |
| Passthrough- UNIVERSITY OF ILLINOIS | | | | |
| All Our Kids Network University of Illinois IRIS Proposal (Year 5) | 93.994 | 109989-19096 | | 37,453 |

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| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Passthrough- UNIVERSITY OF ILLINOIS - URBANA-CHAMPAIGN | | | | |
| Rehabilitation Engineering Research Center (RERC) on Technologies to Support Aging-in-Place for People with Long-Term Disabilities | 93.433 | 095457-17810 | 90REGE0006-01-00 | $ 47,620 |
| Passthrough- UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE | | | | |
| Kansas University Affiliated Program | 93.110 | AWD0000226 | | 2 |
| Kansas University Affiliated Program | 93.110 | GR16306 | 2 T73MC06623-16-00 | 2,164 |
| Kansas University Affiliated Program | 93.110 | AWD-0002295 | 5T73MC06623-17- | 16,173 |
| Translating research into school-based practice via small-group, language-focused comprehension intervention | 93.173 | GR15603 | R01DC018823 | 15,609 |
| RADx-UP: Improving the Response of Local Urban and Rural Communities to Disparities in Covid-19 Testing | 93.310 | AWD-0002421 | | 1,988 |
| Localized mHealth approach to boosting COVID-19 testing and vaccine literacy, access, and uptake among women with criminal legal system involvement in three cities | 93.310 | GR16641 | 1U01MD017415-01 | 83,826 |
| SPeCTRE 2.0: The Sunflower Pediatric Clinical Trials Research Extension | 93.310 | AWD-0001939 | 5UG10D024943-05 | 4,571 |
| Working Memory Training as Pretreatment Adjunct to Smoking Cessation. | 93.350 | ZPBT0030-Collado | 5KL2TR002367 | 1,103 |
| Frontiers: University of Kansas Clinical and Translational Science Institute | 93.350 | ZPBT0030 | | 108 |
| FY 2022 - Frontiers: University of Kansas Clinical and Translational Science Institute | 93.350 | ZPBT0044 | 5TL1TR002368-05 | 3,752 |
| Frontiers: University of Kansas Clinical and Translational Science Institute | 93.350 | GR16366 | 5KL2TR002367-05 | 5,643 |
| Frontiers: University of Kansas Clinical and Translational Science Institute (Postdoctoral Trainee Aaron Smith) | 93.350 | ZPBT0044 | 5TL1TR002368-05 | 25,395 |
| Down-regulation of Interferon Signaling by Splicing Modulators | 93.350 | GR17016 | 2UL1TR002366-06 | 24,996 |
| Examining the effects of gambling volatility on drinking behavior | 93.350 | GR16981 | TL1TR002368 | 887 |
| Frontiers: University of Kansas Clinical and Translational Science Institute | 93.350 | GR16984 | 2TL1TR002368-06 | 33,503 |
| Investigating the Challenging Eating Behaviors of Children with Autism at Mealtime | 93.350 | GR16998 | 2KL2TR002367-06 | 17,872 |
| Investigating approved therapeutics for their ability to inhibit the SARS-CoV-2 ADPribosylhydrolase: 2022-2023 | 93.350 | GR17661 | 2UL1TR002366-06 | 6,716 |
| The safety and efficacy of megesterol as part of an outpatient feeding protocol for children with chronic medical conditions | 93.361 | 0001673 | R01HD093933 | 15,088 |
| Rural Disparities in Pediatric Obesity: The iAmHealthy Intervention | 93.361 | GR16395 | R01NR016255 | 13,492 |
| iAmHealthy Parents First | 93.361 | GR16990 | 1R01NR019810-01A1 | 16,160 |

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| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Passthrough- UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE (Continued) | | | | |
| Sexual Health Empowerment for Jail-Involved Women's Health Literacy and | 93.393 | ZAR00080 | R01CA181047 | $ 14,573 |
| TEAMSPORT to Community TEAMSPORT: Validating and Adapting a Precision Oncology Reflex Testing Team Intervention to Reduce Rural Disparities in Cancer Care Delivery | 93.393 | GR504883 | 1R01CA274560 | 11,244 |
| Automated identification and classification of laryngeal diseases using deep neural networks | 93.394 | AWD0001832 | 1R03CA253212-01 | 183 |
| NCI Cancer Center Support Grant Lead Development & Optimization Shared Resource | 93.397 | ZPJ00010-Schoenen | P30CA168524 | 1,833 |
| NCI Cancer Center Support Grant for Biotechnology Innovation and Optimization Center (BIOC) | 93.397 | ZPJ00030 | 5P30CA168524-08 | 19,489 |
| CPS Cancer Prevention and Survivorship Research Program - KUCC Core | 93.397 | ZPJ00030 | P30CA168524 | 8,378 |
| NCI Cancer Center Support Grant Lead Development & Optimization Share Resource | 93.397 | GR14141 (ZPJ00030) | P30CA168524 | 1,224 |
| NCI Cancer Center Support Grant - Cancer Biology Research Program | 93.397 | ZPJ00030-Neufeld | P30CA168524 | 8,885 |
| Cancer Center Support Grant | 93.397 | GR15150 | 3P30CA168524-09S4 | 468 |
| Colon Cancer Chemoprevention Through Inhibition of Exportin 1 (XPO1) | 93.397 | GR16220 | | 2,866 |
| KUCC Spring 2021 Pilot Award: Elucidating and disrupting de novo GBM tumor cell-neuron synapses | 93.397 | GR16221 | P30CA168524 | 2,381 |
| NCI Cancer Center Support Grant - LDO Core (Hageman) | 93.397 | GR503588 (Hageman) | 2P30CA168524-11 | 15,773 |
| Personalized T Cell Therapy for Mantle Cell Lymphoma | 93.397 | GR16875-Forrest | 2P30CA168524-11 | 9,303 |
| Colon Cancer Chemoprevention Through Inhibition of Exportin 1 (XPO1) | 93.397 | AWD-0002643-Dixon_Extension | 2P30CA168524-11 | 12,815 |
| Cancer Center Support Grant - Drug Discovery, Delivery and Experimental Therapeutics Component (D3ET) | 93.397 | GR503973 | 2P30CA168524-11 | 16,980 |
| Cancer Center Support Grant - Cancer Biology Program | 93.397 | GR16886 | 2P30CA168524-11 | 11,335 |
| NCI Cancer Center Support Grant - LDO Core (Roy) | 93.397 | GR503588 (Roy) | 2P30CA168524-11 | 19,121 |
| P30 CATCH UP Above Accrual Goal Administrative Supplement Request | 93.397 | GR16876 | P30CA168524 | 23,258 |
| The Online and Applied System for Intervention Skills (OASIS) - Scaling-up! | 93.433 | Z1H00040 | 90DPKT0003 | 7,901 |
| Project Eagle: Early Head Start | 93.600 | AWD10000015 | 07CH011678-03-00 | 87,987 |
| Quality and Value Innovation Consortium's evaluation of Kansas City Engaging Patients in Care Coordination (KC-EPICC) program | 93.775 | Q030RD02 | | 5 |
| Syntheses and Biological Evaluation of Underexplored Antibiotics and Analogues | 93.839 | GR17016-Sathyamoorthi | | 24,077 |

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| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Passthrough- UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE (Continued) | | | | |
| RNA-binding protein HuR in liver pathophysiology and carcinogenesis | 93.847 | ZAZ00040 | R01DK119131 | $ 78,232 |
| Weight management for adults with mobility related disabilities | 93.847 | ZAD000F0 | | 17,518 |
| Single Stage Surgical Intervention for Treatment of Severe Traumatic Brain Injury | 93.853 | AWD10000115 | | 4,187 |
| Molecular Characterization of Hepatic Organic Anion Transporting Polypeptides | 93.859 | ZAH00000 MOD1 | | (211) |
| Metabolomic Markers of Disease Activity and Therapeutic Response in Autoimmune | 93.859 | AWD-0001805 Funk | | 51,260 |
| K-INBRE DRPP: Cortical-striatal correlates of restricted and repetitive behaviors in | 93.859 | GR15893 | 5P20GM103418-21 | (225) |
| Teachers and Students for Community-Oriented Research and Education: Linking | 93.859 | GR16388 | | 31,176 |
| A genome-wide model for estimating DNA transposable element excision rates and | 93.859 | GR16916 | 5P20GM103418-22 | 34,863 |
| K-INBRE Post Doctoral Award: Sensory feedback and electrophysiological markers | 93.859 | GR16962 | | 38,233 |
| Genetic Examination of Variation in Microbial Pathogen Susceptibility in | 93.859 | GR16932 | 5P20GM103418-22 | 38,183 |
| The Sustainable Heartland Accelerator Regional Partnership (SHARP) Hub | 93.859 | GR15906-Bergman | (NIH) 5UT2GM130175-03 | 23,651 |
| K-INBRE Campus Coordinator 2022-2023 | 93.859 | GR16919 | GR16919 | 8,849 |
| Service contract for the Illumina NextSeq550 and MiSeq sequencing systems in the KU | 93.859 | GR16921 | 5P20GM103418-22 | 15,300 |
| K-INBRE Core Facility Support | 93.859 | GR16963 | 5P20GM103418-22 | 12,715 |
| K-INBRE Bioinformatics Core Facility 2022-2023 | 93.859 | GR16911 | P20GM103418 | 142,187 |
| K-INBRE Undergraduate Research Office (URO) | 93.859 | GR16950 | 5P20GM103418-22 | 114,256 |
| K-INBRE Summer Scholars yr 9 | 93.859 | GR16961 | PGM103418F | 52,469 |
| KINBRE Star Trainees yr 9 | 93.859 | GR16960 | | 29,246 |
| The Kansas Institute for Precision Medicine | 93.859 | AWD-0001805_Lunte | 5P20GM130423-04 | 3,787 |
| The Kansas Institute for Precision Medicine: Biomedical Engineering Core | 93.859 | AWD-0001805 Soper BME | 5P20GM130423-04 | 57,885 |
| The Kansas Institute for Precision Medicine - Administrative Core | 93.859 | AWD0001805 Soper Admin | 5P20GM130423-04 | 96,901 |
| The Kansas Institute for Precision Medicine | 93.859 | AWD-0001805_Siahaan | 5P20GM130423-04 | 6,453 |
| K-INBRE DRPP: Cortical-striatal correlates of restricted and repetitive behaviors in autism spectrum disorder | 93.859 | GR16902 | | 107,069 |
| K-INBRE DRPP Mentor Award | 93.859 | GR16927 | 5P20GM103418-22 | 1,879 |
| K-INBRE Undergraduate Research Office (URO) | 93.859 | | | 10,201 |
| K-INBRE Campus Coordinator 2023-2024 | 93.859 | GR509158 | 5P20GM103418-23 | 9,799 |
| KINBRE Star Trainees yr 10 | 93.859 | GR509403 | 5P20GM103418-23 | 961 |
| K-INBRE Summer Scholars yr 10 | 93.859 | GR509399 | 5P20GM103418-23 | 7,342 |
| Prescribing Smart Aging: Integrating Health Systems with Community-Based Lifestyle Interventions | 93.866 | GR12141 | | 18,897 |

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| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Passthrough- UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE (Continued) | | | | |
| Enhanced Mediterranean Diet for Alzheimer's Disease Prevention | 93.866 | AWD-0001759 | 1R01AG060157 | $ 5,967 |
| Swerdlow Haplo Group J | 93.866 | GRI14019 | 1R01AG061194-01 | 4,769 |
| Toward a Simple Model Organism for Familial Alzheimer's Disease | 93.866 | QS855260 | 5P30AG035982-10 | (2,513) |
| KU ADRC Biomarker Core | 93.866 | AWD-0002190 | 1P30AG072973 | 186,233 |
| Remote Monitoring and Virtual Collaborative Care for Hypertension Control to Prevent Cognitive Decline | 93.866 | GR16278 | 4R33AG068483-02 | 40,871 |
| ADC Developmental Awards: Psychosocial Adjustment and Coping: A Comparison of Racial and Ethnic Minorities and Non-Hispanic White Individuals Living with Dementia | 93.866 | GR13486 - Jen | P30 AG072973 | 80 |
| University of Kansas Alzheimer's Disease Research Center (KU ADRC) | 93.866 | AWD-0002190 | 5P30AG072973-02 | 12,483 |
| Guided Episodic Future Thinking to Increase Physical Activity Adherence and Promote Healthy Brain Aging Among Mid-Life Adults | 93.866 | AWD10000092 | 1R61AG078087-01 | 2,121 |
| Passthrough- UNIVERSITY OF MARYLAND - BALTIMORE | | | | |
| PTPRD phosphatase inhibitors for stimulant use disorders | 93.279 | 20591-2158 | DA056039-01 | 22,441 |
| Adjuvant development of the TLR4 ligand BECC438 | 93.000 | 1903173, UMB Ref. No. 4904 | HHSN27229180043 C | 124,660 |
| Passthrough- UNIVERSITY OF MINNESOTA | | | | |
| A high-throughput screen for inhibitors of Plk1-interacting checkpoint helicase (PICH) | 93.395 | N009209201 | 1R21CA259718-01A1 | 38,739 |
| Research Training Center on HCBS Outcome Measurement (RTC/OM) | 93.433 | A008179301 | 90RT5039-05-00 | 14,023 |
| Control of Chromosome Segregation by DNA Topoisomerase II | 93.859 | N006994001 | 1R01GM130858-01 | 20,256 |
| Passthrough- UNIVERSITY OF MISSOURI - COLUMBIA | | | | |
| The Midwest Biomedical Accelerator Consortium (MBArC) - Screening Diagnostic for COVID-19 using Microfluidic Enrichment and Counting of SARS-CoV-2 Particles | 93.286 | C00072277-1 | 3U01HL152410-02S1 | 82,346 |
| Midwest Biomedical Accelerator Consortium: MBArC - RADx COVID-19 Project | 93.286 | C00072277-2 | U01HL152410 | 136,174 |
| Improve cancer immunotherapy by targeting RNA-binding protein HuR | 93.310 | C00066571-6 | U01HL152410 | 94,371 |
| ImmunAdvisor: High-Throughput T Cell Receptor Discovery for Affordable Commercial Personalized Cancer Therapies | 93.310 | C00066571-5 | U01HL152410 | 61,477 |
| Midwest Biomedical Accelerator consortium: MBArC | 93.310 | C00066571-8 | U01HL152410 | 151,426 |
| Midwest Biomedical Accelerator Consortium: MBArC | 93.310 | C00066571-10 | U01HL152410 | 24,007 |
| Passthrough- UNIVERSITY OF MISSOURI - KANSAS CITY | | | | |
| KC HealthTracks | 93.137 | 00094041- | CPIMP151115-04-00 | 18 |

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UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.
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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Health and Human Services (Continued)** | | | | |
| Passthrough- UNIVERSITY OF NOTRE DAME | | | | |
| Chaperone therapeutics for the treatment of DPN | 93.853 | 203645KU | 7R01NS075311-06 | $ 221 |
| Passthrough- UNIVERSITY OF SOUTH CAROLINA | | | | |
| Understanding Community Obesity Initiatives and Informing Tailored Community Interventions to Reduce Childhood Obesity | 93.847 | 22-4653 PO#2000061555 | 1R01DK129307-01 | 101,784 |
| Passthrough- UNIVERSITY OF UTAH | | | | |
| Novel therapeutic strategy for renal fibrosis by targeting RNA-binding protein HuR targeting | 93.847 | 10052956-01 | 1R01DK123727-01 | 43,351 |
| Passthrough- UNIVERSITY OF VERMONT | | | | |
| University of Vermont Center on Tobacco Regulatory Science | 93.077 | 32359SUB52491 | U54DA036114 | (4) |
| Passthrough- UNIVERSITY OF VIRGINIA | | | | |
| Targeted Small Molecule Inhibitors for Inv(16) Leukemia | 93.395 | GB10639_PO_2091174 | R01CA234478 | 80,693 |
| Passthrough- UNIVERSITY OF WASHINGTON | | | | |
| Functional Genomics for Chlamydia | 93.855 | UWSC14157 | 2R01AI126785-06A1 | 139,286 |
| Passthrough- UNIVERSITY OF WISCONSIN-MADISON | | | | |
| RE-PACT: respiratory exacerbation plans for action and care transitions for children with severe cp | 93.838 | 0000001324 | 1R34HL153570=01A1 | 23,516 |
| Subtotal: Department of Health and Human Services- Passthrough | | | | 15,531,111 |
| **Total: Department of Health and Human Services** | | | | **47,754,217** |
| **Department of Justice** | | | | |
| Direct | | | | |
| Macro-Level Influences on Police Decision-Making and Engagement with Victims of Serious Violent Crimes: A Narrative Case | 16.560 | 2019-V3-GX-0001 | | (981) |
| Kansas Law Enforcement Accreditation Program (KLEAP) | 16.710 | 15JCOPS-21-GK-02540- | | 68,074 |
| Rural Law Enforcement Training | 16.753 | 15PBJA-22-GG- | | 136,652 |
| Subtotal: Department of Justice- Direct | | | | 203,745 |
| **Total: Department of Justice** | | | | **203,745** |
| **Department of Transportation** | | | | |
| Direct | | | | |
| Master Agreement - Center of Excellence for | 20.109 | 15-C-UAS-KU- | | 1,235,048 |
| Master Agreement: Unmanned Aircraft Systems (UAS) Center of Excellence (COE) Companion IDIQ Contract Proposal | 20.000 | 692M15-18-D-00015 | | 1,094 |
| Innovative Practices to Educate Bridge Engineering Practitioners | 20.000 | 693JJ321C000025 | | 21,370 |
| Improved Detailing in Steel Bridges to Prevent Constraint-induced Fracture | 20.000 | 693JJ321C000026 | | 61,163 |
| Subtotal for AL No. 20.000 | | | | 82,533 |
| Subtotal: Department of Transportation- Direct | | | | 1,318,675 |
| Passthrough- HKA | | | | |
| ACRP 01-45 - Selecting, Procuring, and Implementing Airport Capital Project Delivery Methods. | 20.200 | A01-45 | | 3,827 |

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

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of Transportation (Continued)** | | | | |
| Passthrough- IOWA DEPARTMENT OF TRANSPORTATION | | | | |
| Phase III Iowa Pore Index: Morphometric Properties of Aggregates | 20.205 | 20-SPR1-003 | | $ 85,257 |
| Passthrough- IOWA STATE UNIVERSITY | | | | |
| Robust Wireless Skin Sensor Networks for Long-term Fatigue Crack Monitoring of Bridges | 20.205 | 022355B | | 26,926 |
| 2016 Work Zone and Guardrail Safety Training Grant | 20.215 | 436-17-35C | | 1,118 |
| Passthrough- KANSAS DEPARTMENT OF TRANSPORTATION | | | | |
| Create Webinar Series Geared Toward Local Emerging Topics and Innovations | 20.200 | RE-0826-01 | | 527 |
| Purchase of Traffic Engineering Radar Devices | 20.200 | 171-22, Project no. RE-0868-01 | Highway Research and Development Program | 7,800 |
| Construction of Low-Cracking High-Performance Bridge Decks Incorporating New Technology - 2019 | 20.205 | RE-0778-01 | | 2,701 |
| Technical Services for the Kansas Rural Transit Assistance Program (RTAP) | 20.509 | PT-0511-42 | | 10,119 |
| Technical Services for the Kansas Rural Transit Assistance Program (RTAP) FY2023 | 20.509 | PT-0511-43 | | 237,280 |
| Self De-Icing LED Signals | 20.000 | RE-0721-01 | | 5,137 |
| Passthrough- MODJESKI MASTERS | | | | |
| Assessment of Ultra-High Toughness Steel for Highway Bridges | 20.205 | | 693JJ321C000029 | 57,459 |
| Passthrough- OK DEPARTMENT OF TRANSPORTATION | | | | |
| Bond Behavior of Epoxy Coated Reinforcing Bars in Non-proprietary UHPC | 20.200 | SPR ITEM 2290 | Highway Research and Development Program | 166,552 |
| Effectiveness of Magnesium-Alumino-Liquid Phosphate-Based Concrete as a Repair Material | 20.200 | 2317-SPRY-0010-091-RS | | 38,996 |
| Passthrough- TEXAS A&M RESEARCH FOUNDATION | | | | |
| Placement of PANDA-AP (Pavement Analysis using Nonlinear Damage Approach for Airports) | 20.106 | M2000379 | 692M15-19-T-000027 | 71,178 |
| Performance Prediction and Analysis of Airfield Pavements Subjected to Next Generation Aircraft | 20.108 | 12-S151230 | | (52) |
| Passthrough- UNIVERSITY OF NEBRASKA - LINCOLN | | | | |
| University Transportation Centers Open Competition | 20.701 | 25-1121-0005-151 | 69A3551747107 | 428,169 |
| Subtotal: Department of Transportation-Passthrough | | | | 1,142,994 |
| **Total: Department of Transportation** | | | | **2,461,669** |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of the Interior** | | | | |
| Direct | | | | |
| Critical Minerals in Pennsylvanian black shales of the US Midcontinent | 15.073 | G23AC00093-00 | | $ 75,327 |
| MT DAK Preservation & Curation of Fossil Vertebrates from the Late Cretaceous Hell Creek Formation | 15.224 | L22AC00625 | | 8,751 |
| Incorporating Climate Uncertainty into Water Allocations in Kansas | 15.557 | R22AP00291-00 | | 36,485 |
| Pennsylvanian stratigraphic nomenclature reconciliation in the midcontinent | 15.808 | G21AC10704 | | 89,154 |
| Geologic Mapping in Kansas for FY20 | 15.810 | G20AC00241 | | 1,439 |
| Geologic Mapping in Kansas for FY21 | 15.810 | G21AC10803 | | 68,743 |
| Geologic Mapping in Kansas for FY22 | 15.810 | G22AC00574-00 | | 283,567 |
| Subtotal for AL No. 15.810 | | | | 353,749 |
| Preserving Kansas Geologic Data, Documents, Samples, and Aerial Photographs; and Surveying Critical Mineral Resources, FY 2020 | 15.814 | G20AP00107 | | 10,504 |
| Preserving Kansas Geologic Data, Documents, Samples, and Aerial Photographs; and Surveying Drill Hole/Core Holdings Relating to Critical Mineral Resources, FY 2021 | 15.814 | G21AP10466-00 | | 26,056 |
| Preserving Kansas Geologic Data, Documents, Samples, and Aerial Photographs; and Surveying Drill Hole/Core Holdings Relating to Critical Mineral Resources | 15.814 | G22AP00354-02 | | 112,411 |
| Subtotal for AL No. 15.814 | | | | 148,971 |
| Maintain and expand existing Kansas-based data services to the NGWMN, 2021-2022 | 15.980 | G21AC10419 | | 103,338 |
| Long Term Property Curation with the University of Kansas | 15.000 | 140R6022P0002 | | 67 |
| Subtotal: Department of the Interior- Direct | | | | 815,842 |
| Passthrough- AMERICAVIEW INC. | | | | |
| StateView Program Development and Operations for the State of Kansas | 15.815 | AV18-KS-01 | G18AP00077 | 36,958 |
| Passthrough- EMPORIA STATE UNIVERSITY | | | | |
| Nutrient cycling and biogeochemical processes in aquatic moist-soil unit habitats at the Flint Hills National Wildlife Refuge | 15.654 | 030700793-21-01 | F20AC12120-00 | 614 |
| Passthrough- KANSAS DEPARTMENT OF WILDLIFE AND PARKS | | | | |
| Geographic Information System (GIS) & Remote Sensing Support Services | 15.611 | CRA-GISFY22-FY24 | F21AF01895-00 | 142,874 |
| 5-year review of Species of Greatest Conservation Need | 15.634 | 25979 KBS_SWAP | | 666 |
| Passthrough- KANSAS STATE HISTORICAL SOCIETY | | | | |
| 2022 Grinter Place State Historic Site (14WY316) Geophysical Survey Contract | 15.904 | | Historic Preservation Fund | 3,076 |

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UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.
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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of the Interior (Continued)** | | | | |
| Passthrough- KANSAS WATER RESOURCES INSTITUTE | | | | |
| Experimental and Modeling Investigation of Fluid-Fluid and Rock-Fluid Compatibility between Arbuckle and Lansing Kansas City Formations with the Purpose of Produced Water-Exchange Between the Two Form | 15.805 | A22-0176-S002 | G21AP10634-00 | $ 573 |
| Benthic Cyanobacterial Mats: A Potential Source of Harmful and Nuisance Compounds to Kansas Streams | 15.805 | A22-0176-S001 | | 5,349 |
| Simulating the effects of reservoir management strategies on in-stream sediment load, streambank stability, and water quality - 2022 | 15.805 | A22-0176-S003 | | 17,523 |
| Spatial variability and subsurface controls of groundwater recharge and nutrient mobilization in dry streams | 15.805 | A22-0176-S004 | G21AP10634-00 | 21,826 |
| Herbal medicine for sick ponds: Are native aquatic macrophytes a cheap and easy way to mitigate HABs? | 15.805 | A22-0176-S006 | G21AP10634-00 | 4,666 |
| Unraveling Spatiotemporal Patterns in Watershed Nutrient and Sediment Yields under Conditions of Ongoing Rapid Crop Conversion using Direct Sampling and Remote Sensing Observations | 15.805 | A22-0176-S007 | G21AP10634 | 15,996 |
| Forecasting streamflow and groundwater depletion with deep learning models to sustain Kansan water resources | 15.805 | A22-0176-S005 | G21A10634-00 | 12,980 |
| Passthrough- SOUTHWEST KANSAS GROUNDWATER MANAGEMENT, DISTRICT #3 | | | | |
| Water Use and Climate Evaluation Service to Irrigators for Drought Resiliency in Southwest Kansas | 15.514 | 25421 | | 18,145 |
| Passthrough- UNIVERSITY OF CALIFORNIA - DAVIS | | | | |
| Synchrony of native fish movements: synthesis science towards adaptive water management in the Central Valley | 15.512 | A19-3215-S001 | R19AC000051 | 49,944 |
| Subtotal: Department of the Interior-Passthrough | | | | 331,190 |
| **Total: Department of the Interior** | | | | **1,147,032** |
| **Department of the Treasury** | | | | |
| Passthrough- JOHNSON COUNTY, KANSAS | | | | |
| Johnson County Coronavirus State and Local Fiscal Recovery Funds Subrecipient Grant Agreement – Workforce Development | 21.027 | | Coronavirus State and Local Recovery Funds | 67,681 |
| Passthrough- KANSAS DEPARTMENT OF HEALTH & ENVIRONMT | | | | |
| SARS-CoV-2 Wastewater Monitoring (CARES Funded) | 21.000 | BOW1 | | 12,091 |

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UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.
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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **Department of the Treasury (Continued)** | | | | |
| Subtotal: Department of the Treasury- Passthrough | | | | $ 79,772 |
| **Total: Department of the Interior** | | | | **79,772** |
| **Institute of Museum and Library Services** | | | | |
| Direct | | | | |
| Advancing Research Collaboration in the Humanities | 45.130 | CH-50951 | | 425,000 |
| Humanities Challenge Project II | 45.130 | CH-20811 | | 521,125 |
| Subtotal for AL No. 45.130 | | | | 946,125 |
| Black Book Interactive Project III | 45.149 | PW-277575-21 | | 134,295 |
| Gothic Manuscripts, 1320-1390 | 45.160 | FEL-273019-21 | | 1 |
| Patriarchy, Politics, and Christine de Pizan's Influence on English Literature, 1400 1478 | 45.160 | FED-273163-21 | | 9,882 |
| Subtotal for AL No. 45.160 | | | | 9,883 |
| Subtotal: Institute of Museum and Library Services- Direct | | | | 946,125 |
| Passthrough- HUMANITIES KANSAS | | | | |
| The Roots of Pentecostalism in Kansas | 45.129 | 218037MJ | SO-253126-17 | (10) |
| Subtotal: Institute of Museum and Library Services- Passthrough | | | | (10) |
| **Total: Institute of Museum and Library Services** | | | | **1,090,293** |
| **National Aeronautics and Space Administration** | | | | |
| Direct | | | | |
| Controls on Iceberg Distribution Around Greenland | 43.001 | NNX16AJ90G | | 43,295 |
| What Shapes the Passive Galaxy Population in Distant Clusters? Understanding the Role of Quenching and Merging with a Spitzer Archival Study | 43.001 | 80NSSC19K0592 | | 28,561 |
| Particle Astrophysics with the Payload for Ultrahigh Energy Observations (PUEO): A Next Generation Long-duration Balloon-borne Instrument for the Cosmic High Energy Frontier KUCR Co-PI | 43.001 | 80NSSC20K0776 | | 49,253 |
| AGILE: Advanced enerGetic Ion eLectron telescope | 43.001 | 80NSSC19K0714 | | 48,525 |
| Global Satellite-Based Prediction of Drought Evolution | 43.001 | 80NSSC20K1799 | | 112,320 |
| A feasibility study of Raman optical activity for the detection and discrimination of chiral biological compounds for planetary science instrumentation | 43.001 | 80NSSC20K1093 | | 4,777 |
| Operational Multichannel Snow Radar for Swath Mapping of Snow Layers on Ice Sheets, Sea Ice, and Land | 43.001 | 80NSSC20K1242 | | 62,186 |
| How Do Undetected AGN Affect Galaxy Evolution? | 43.001 | 80NSSC20K1546 | | 3,252 |
| Integration of the Snow Radar onto a Long-Endurance Unmanned-Aerial-Vehicle for Thickness Measurements of Snow over Sea-Ice and Land-Ice | 43.001 | 80NSSC20K1077 | | 606 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Aeronautics and Space Administration (Continued)** | | | | |
| Direct | | | | |
| Probing Quenching in the Cosmic Web using Spatially-Resolved Star Formation Maps from WISE and GALEX | 43.001 | 80NSSC21K0641 | | $ 71,260 |
| Supplemental funding for Integration of the Snow Radar onto a Long-Endurance Unmanned-Aerial-Vehicle for Thickness Measurements of Snow over Sea-Ice and Land-Ice | 43.001 | 80NSSC21K2072 | | 9,630 |
| How much do AGN host galaxies contribute to cosmic star formation? | 43.001 | 80NSSC22K1594 | | 41,587 |
| Managing Temporal Trade Offs through Irrigation and Yield Forecasting to Advance Groundwater Conservation | 43.001 | 80NSSC22K1276 | | 1,453 |
| Subtotal for AL No. 43.001 | | | | 476,705 |
| Development of an integrated system for cell analysis and profiling by capillary electrophoresis-mass spectrometry | 43.012 | 80NSSC20K1208 | | 62,944 |
| Subtotal: National Aeronautics and Space Administration- Direct | | | | 539,649 |
| Passthrough- ALDRIN FAMILY FOUNDATION | | | | |
| PROJECT IANOS: PAST, PRESENT, FUTURE | 43.008 | 00099511 | | 3,099 |
| Passthrough- AMHERST COLLEGE | | | | |
| Multipass and tomography enabled data products for subsurface characterization and ice sheet model refinement | 43.001 | GRT00206-K1 | 80NSSC21K0753 | 53,021 |
| Passthrough- CORNELL UNIVERSITY | | | | |
| Oceans Across Space and Time | 43.001 | 142075-21982 | 80NSSC22K1409 | 40,646 |
| Passthrough- DARCORPORATION | | | | |
| Learning Autopilot Systems for Unmanned Aerial Systems | 43.000 | 22952 | 80NSSC19C0102 | (1,969) |
| Passthrough- GEORGIA INSTITUTE OF TECHNOLOGY | | | | |
| Oceans Across Space and Time | 43.001 | AWD-102551-G3 | 80NSSC18K1301 | (10) |
| Passthrough- JET PROPULSION LAB - CALIFORNIA TECHNOLOGY | | | | |
| TESS Planet Validation with AO Imaging VII | 43.001 | 1682064-B-4.25 | | 12,386 |
| 2023A Keck/NIRC2: TESS Planet Validation with AO Imaging VIII | 43.001 | 1690158 | | 4,045 |
| Passthrough- MISSISSIPPI STATE UNIVERSITY | | | | |
| Spectrum Management Framework for Unmanned Aerial Systems and Traffic Management in BVLOS: From Assessment to Modeling and Analysis | 43.000 | 193700.361561.01 | 08078 80NSSC20M0261 | 128,368 |
| Passthrough- NASA GODDARD SPACE CENTER | | | | |
| Cryospheric Uncrewed-Aerial-System Experiment | 43.001 | 80NSSC22K1935 | | 585,227 |
| Passthrough- SMITHSONIAN ASTROPHYSICAL OBSERVATORY | | | | |
| Does Excess Mid-Infrared Emission Reliably Signal an AGN? | 43.001 | AR0-21012X | NAS8-03060 | 3,729 |
| Passthrough- SOUTHWEST RESEARCH INSTITUTE | | | | |
| Microhabitable Environments in Ice | 43.001 | Q99048JA | 80NSSC22K004 | 54,867 |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Aeronautics and Space Administration (Continued)** | | | | |
| Passthrough- SPACE TELESCOPE SCIENCE INSTITUTE | | | | |
| The Life and Death of Ultra-Hot Jupiter WASP-12b | 43.001 | HST-GO-16236.002-A | | $ 21,039 |
| PRIMER: Public Release IMagining for Extragalactic Research | 43.001 | JWST-GO-01837.062.A | NAS5-03127 | 6,537 |
| Toward a Spatially-resolved Kennicutt-Schmidt Law in High-redshift Cluster Galaxies: the Interplay Between Molecular Gas, Star Formation, and Stellar Mass with ALMA and HST | 43.012 | HST-GO-16300.004-A | | 8,382 |
| GOGREEN Survey: The Relationship between Quenching, Morphological Transformation and Size Growth of Satellite Galaxies | 43.000 | HST-GO-15294.012-A | NAS5-26555. | 1,336 |
| Seeing in 3D: Unlocking the dynamical properties of a canonical exoplanet | 43.000 | HST-GO-15813.009-A | | 15,862 |
| Atmospheric characterization of two temperate mini-Neptunes formed in the same protoplanetary nebula | 43.000 | HST-GO-15814.013-A | HST-GO-15814.013-A | 39,896 |
| The Atmospheric Diversity of Mini-Neptunes in Multi-planet Systems | 43.000 | HST-GO-15333.018-A | NAS5-26555 | 8,042 |
| Exploring the Demographics of Exo-Neptunes: Atmospheric Characterization of a Cool Sub-Neptune from TESS | 43.000 | HST-GO-16181.002-A | | 1,741 |
| Obscured CANDELS: Disentangling Obscuration around Supermassive Black Holes in the Distant Universe | 43.000 | HST-AR-16137.006-A | | 24,055 |
| Illuminating the AGN-Galaxy Connection with JWST: AGN Host Demographics During the Era of Galaxy Assembly | 43.000 | JWST-AR-02446.012-A | nAS5-03127 | 10,327 |
| Revealing Low Luminosity Active Galactic Nuclei (RevealLAGN) | 43.000 | JWST-GO-02016.014-A | NAAS5-03127 | 7,624 |
| Passthrough- UNIVERSITIES SPACE RESEARCH ASSOCIATION (USRA) | | | | |
| A Hot Meal: Mapping the Molecular H2 Feeding the Milk Way's Supermassive Black Hole | 43.001 | 09-0205 | NNA17BF53C | 8,947 |
| Passthrough- UNIVERSITY OF CALIFORNIA SANTA CRUZ (UCSC) | | | | |
| Follow the Volatiles: Tracing chemical species relevant to habitability from proto-planetary disks to exoplanet atmospheres | 43.001 | A21-0406-S003 | 80NSSC21K0597 | 21,331 |
| Passthrough- UNIVERSITY OF CHICAGO | | | | |
| The Payload for Ultrahigh Energy Observations (PUEO): A Long-duration Balloon-borne Instrument for Particle Astrophysics at the Highest Energies | 43.001 | AWD101921 (SUB00000468) | 80NSSC21M0116 | 70,197 |
| Passthrough- UNIVERSITY OF COLORADO | | | | |
| Do Habitable Worlds Require Magnetic Fields | 43.001 | 1559320 | 80NSSC20K0594 | 43,523 |
| Participation in NASA Mars Atmosphere and Evolution mission | 43.000 | 1546525 | NNH1OCCO4C | 167,026 |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Aeronautics and Space Administration (Continued)** | | | | |
| Passthrough- UNIVERSITY OF MASSACHUSETTS - AMHERST | | | | |
| Characterizing future changes in glacier melt, snow melt, and regional runoff to inform adaptation decisions in high mountain dependent economies | 43.001 | 20-015928-A-00 | 80NSSC20K1299 | $ 90,440 |
| Passthrough- UNIVERSITY OF OKLAHOMA | | | | |
| Analysis of TRMM-GPM Observations to Improve Our Process-Level Understanding and Modeling of Latent Heating in Tropical Easterly Waves | 43.008 | 2019-65 | 80NSSC19K0720 | 27,844 |
| Passthrough- UNIVERSITY OF WASHINGTON | | | | |
| Fjord systems, marine mammals, and subsistence hunting in East Greenland | 43.001 | UWSC12177 | 80NSSC20K1361 | 4,299 |
| Passthrough- WICHITA STATE UNIVERSITY | | | | |
| MICE: A High Power Density Free Piston Engine | 43.008 | R52123-21-00864 | 80NSSC19M0042 | 8,995 |
| Artificial Intelligence Assisted Spacecraft Trajectory Optimization and Planning | 43.008 | R52638-21-00689 | 80NSSC20M0217 | 39,117 |
| MICE: A High Power Density Free Piston Engine | 43.008 | R52146-21-00865 | 80NSSC19M0042 | (1,101) |
| Appendix C: SMD Earth Sciences Division: Assimilation of Satellite Data for Predicting Cyanohabs in Kansas | 43.008 | R52930-22-00271 | NNH21ZHA002C | 24,417 |
| KSC Exploration Systems and Development: Moon to Mars - Gas Separation Processes for High Purity Methane Production | 43.008 | R52931-22-0272 | 80NSSC21M0161 | 31,583 |
| Design and Development of Flexible Self-powered Energy Conversion and Storage Devices | 43.008 | R52123-21-02186 | 80NSSC19M0042 | 4,943 |
| Kansas National Space Grant College and Fellowship Program - Opportunities in NASA STEM FY 2020-2024 | 43.008 | R52545-22-00181 | 80NSSC20M0109 | 25,226 |
| Multifunctional Ceramics for Space and Aircraft Applications | 43.008 | | | 19,226 |
| SRI: Enhancing Sustainability and Resilience of Solid-State Battery Systems for Space Exploration via Precision Prognostics and Health Management | 43.008 | R53187-23-00161 | 80NSSC22M0028 | 29,697 |
| Experimental Measurement of Granular Flow Free Colling in Microgravity | 43.008 | R53434230066 1 | NNH227HA002C | 40,023 |
| Kansas National Space Grant College and Fellowship Program - Opportunities in NASA STEM FY 2020-2024 | 43.008 | R52545-23-00341 | 80NSSC20M0109 | 42,014 |
| Anytime Perception and Control for Intelligent and Safe Advanced Air Mobility | 43.008 | R53187-23-01410 | 80NSSC22M0028 | 889 |
| Developing NASA partnerships for a Space Fungal Ecology Program | 43.012 | R53187230014 2 | | 416 |
| Subtotal: National Aeronautics and Space Administration- Passthrough | | | | 1,727,302 |
| **Total: National Aeronautics and Space Administration** | | | | **2,266,951** |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation** | | | | |
| Direct | | | | |
| Biomechanical Rehabilitation Engineering Advancement in Kansas | 47.041 | CBET-1160130 | | $ (187) |
| Non-classical Micromorphic Continuum Model for Granular Microstructure Design | 47.041 | CMMI-1727433 | | 25,947 |
| CAREER: Pore-Scale Multiphase Mass Transfer in Porous Electrodes | 47.041 | CBET-1941083 | | 47,969 |
| FEWtures: Innovation Analysis Framework for Resilient Futures, with Application to the Central Arkansas River Basin | 47.041 | CBET-1856084 | | 402,057 |
| CAREER: Advanced Thermal Management of Lithium-Ion Battery Packs: Combining Physics-Based and Machine Learning Models toward High Thermal Safety | 47.041 | CMMI-1847651 | | 58,691 |
| Collaborative Research: Development of Atomically Thin Tunnel Barriers for High-Performance Tunnel Junctions | 47.041 | ECCS-1809293 | | 466 |
| CAREER: Quantification of the kinetic energy of particles in complex flows using magnetic particle tracking | 47.041 | CBET-1944187 | | 72,614 |
| CAREER: Spectrokinetic Studies for Understanding Metal-Support Interactions in Catalytic Oxidation of Ethanol | 47.041 | CBET-1847655 | | 86,808 |
| Assessing the Influence of Hazard Mitigation Planning on Disaster Recovery | 47.041 | CMMI-1760183 | | 25,923 |
| RET Site: Exploring Career Opportunities through Water-Themed Engineering Research (ECO-WaTER) | 47.041 | EEC1801710 | | 117,706 |
| Engineering the Ionic Polymer Phase-Fluid Interface of the PEM Fuel Cell Catalyst Layer for Higher Performance | 47.041 | CBET-1803058 | | 5,578 |
| CAREER: Integrated Modeling of Hazard Mitigation Stakeholder Networks for Compassionate, Sustainable Risk Reduction | 47.041 | CMMI-1751696 | | 107,175 |
| CAREER: Thermo-responsive absorbent with selective absorption for miscible liquids separation | 47.041 | CBET-1944314 | | 22,990 |
| CAREER: Assessing the Role of Buildings and Organizations in Community Disaster Resilience | 47.041 | CMMI-1847373 | | 32,535 |
| REU SITE: IDEA Incubator for Porous Materials: Integrating Discovery, Engineering and Art | 47.041 | EEC-1852308 | | 81,408 |
| RAPID: 2018 Hurricane Season: Assessing the performance of elevated wood buildings, including manufactured housing, in the wake of Hurricane Michael | 47.041 | CMMI-1903486 | | 181 |
| PFI-RP: Development of Continuous Process Concepts for Upgrading Lignin in Biorefineries | 47.041 | IIP-1919267 | | 131,037 |
| Collaborative Research: Development and Application of a Molecular an Process Design Framework for the Separation of Hydrofluorocarbo Mixtures | 47.041 | CBET-1917480 | | 90,214 |

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|---|---|---|---|
| **Research and development cluster (Continued)** | | | |
| **National Science Foundation (Continued)** | | | |
| Direct | | | |
| MRI: Acquisition of an Advanced Gravimetric Analyzer for Material Research at KU-Lawrence | 47.041 | CBET-1920252 | $ (12,330) |
| EFRI DCheM: Next-generation Low Global Warming Refrigerants | 47.041 | EFMA-2029354 | 376,320 |
| Manipulating Mycorrhizal Fungi: Plant Symbionts in Organic Agriculture | 47.041 | IIP-2016549 | 87,337 |
| EAGER: High-Energy-Density Storage for Renewable Energy Sources for Environmental Sustainability | 47.041 | CBET-2024378 | 319 |
| Planning Grant: Engineering Research Center for Environmentally Applied Refrigerant Technology Hub (EARTH) | 47.041 | 2123852 | 37,495 |
| RET Site: Inquiry Driven Engineering Activities using Bioengineering Examples (IDEA-BioE) | 47.041 | EEC-2055716 | 107,535 |
| Team Iconium - Environmentally Applied Research Towards Hydrofluorocarbons | 47.041 | 2140448 | 943 |
| The Kansas University Refrigerant Ionic liquid SEparation (KU-RISE) | 47.041 | 2213965 | 56,790 |
| CAREER: Thermal proteome profiling applications for in-situ bioreporting of contaminant degradation in soils | 47.041 | 2237889 | 15,035 |
| REU SITE: IDEA Incubator for Porous Materials: Integrating Discovery, Engineering and Art | 47.041 | EEC-2243816 | 27,456 |
| Subtotal for AL No. 47.041 | | | 2,006,012 |
| MRI: Development of UHV SPM-TERS in situ Characterization Interfaced with UHV Sputtering-Atomic Layer Deposition System | 47.049 | DMR-1337737 | (12,873) |
| Collaborative Research: Mapping and Tracking Conformational Control of Nitric Oxide Synthase Activation | 47.049 | CHE-1710613 | (167) |
| CAREER: First Principles Evaluation of Optical Activity in Solids | 47.049 | CHE-1650942 | 45,339 |
| New algorithms to enable faster, more accurate analysis of hydrogen exchange mass spectrometry data | 47.049 | CHE-1709176 | 7,077 |
| INFEWS N/P/H20: Supramolecular Recognition and Catalysis Targeting Phytate, an Organic Sink for Phosphate in the Human Phosphorus Cycle | 47.049 | CHE-1710535 | 65,251 |
| Collaborative Research: The Effect of Filaments on the Gas in Galaxies | 47.049 | AST-1716690 | 6,926 |
| Adaptive Data Assimilation for Nonlinear, Non-Gaussian, and High-Dimensional Combustion Problems on Supercomputers | 47.049 | DMS1723066 | 7,825 |
| Dynamic elements: effects of co-solvents on peptide folding pathways | 47.049 | CHE-1807852 | 3,037 |
| Ultrafast Dynamics of Highly Excited Molecules in th Condensed Phase | 47.049 | CHE-1956387 | 66,788 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Direct | | | | |
| Design of oligozulene-based organometallics for probing new paradigms in charge delocalization, transport, and storage at the nanoscopic scale | 47.049 | CHE-1808120 | | $ 37,141 |
| CAREER: New frontiers for Frobenius, singularity theory, differential operators, and local cohomology | 47.049 | DMS-1945611 | | 77,001 |
| Synthesis via Decarboxylative Activation | 47.049 | CHE-1800147 | | 5,059 |
| Periodic KPZ Universality | 47.049 | DMS-1953687 | | 57,081 |
| Collaborative Research: Extreme Starbursts and Outflows: The Formation of Massive Compact Galaxies | 47.049 | AST-1814159 | | 7,625 |
| Novel Computational Mathematics for Aperiodic Multilayers | 47.049 | DMS-1819220 | | 871 |
| Geometric and Electronic Structure Contributions to Bond-breaking and Bond-making Reactions of Mid-valent Manganese-Oxygen Complexes | 47.049 | CHE-1900384 | | 95,307 |
| Broadband Two-Photon Absorption Spectroscopy for High-Repetition Rate Lasers | 47.049 | CHE-1905334 | | 80,591 |
| Collaborative Research: Beyond the Bulk Flow: Developing More Powerful Analysis Methods to Test Consistency of Large-scale Flows with the Standard Cosmological Model | 47.049 | AST-1907404 | | 27,105 |
| A study of hypersurfaces in general position inspired by Frobenius | 47.049 | DMS-1902321 | | 30,197 |
| Collaborative Research: WoU-MMA: The Radar Echo Telescope for Cosmic Rays and Neutrinos: Toward a Transformative Technology for Neutrino Detection | 47.049 | PHY-2012989 | | 59,755 |
| Engineering interfaces for high-performance oxide superconductor nanocomposite films | 47.049 | DMR-1909292 | | 183,662 |
| CAREER: Probing the High Energy Frontier with the CMS Experiment | 47.049 | PHY-1945038 | | 229,195 |
| REU Site: A Summer Experience for Undergraduates Integrating Research, Education, and Career Development in an Interdisciplinary Environment | 47.049 | CHE-1950293 | | 132,718 |
| Large Solutions for Systems of Hyperbolic Conservation Laws and Wave Equations in One and Multiple Space Dimensions | 47.049 | DMS-2008504 | | 75,907 |
| Collaborative Research: WoU-MMA. Extreme Quantum-Electrodynamic and General-Relativistic Plasma Physics | 47.049 | PHY-2010109 | | 118,245 |
| Collaborative Research: WoU-MMA: Askaryan Radio Array: The world's forefront neutrino astrophysics program from 100 PeV | 47.049 | PHY-2012951 | | 60,325 |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Direct | | | | |
| Particle Physics at the Energy Frontier with the CMS Experiment | 47.049 | PHY-2013007 | | $ 335,771 |
| RAPID: COVID-19 Behavior, perception, and control across geographic and economic gradients | 47.049 | DMS-2028297 | | 12,570 |
| Collaborative Research: Prairie Analysis Seminar 2020-2021 | 47.049 | DMS-2034592 | | 19,481 |
| Direct Calculation of Activation Energies and Entropies for Chemical Dynamics | 47.049 | 2102656 | | 209,943 |
| Elucidating fundamental factors driving self-assembly with guided interactions in multicomponent enzyme systems using model nanostructured platforms | 47.049 | 2108448 | | 158,581 |
| Apples to Apples: Comparing the Cores of Nearby Galaxies | 47.049 | 2115428 | | 58,384 |
| NSF Accelnet: Inter-American Network of Networks of Quantum Chromo-Dynamics Challenges | 47.049 | 2114669 | | 74,692 |
| Stochastic Calculus of Variations and Limit Theorems | 47.049 | DMS-2054735 | | 5,572 |
| Isotopic and Elemental Abundances in Stars and Planets | 47.049 | AST-2108686 | | 18,597 |
| Controlling exciton dynamics at interfaces using moire potentials | 47.049 | 2109979 | | 131,318 |
| Modulations of Periodic Waves in Applied Mathematics | 47.049 | 2108749 | | 26,835 |
| REU SITE: University of Kansas Physics and Astronomy Research Experiences for Undergraduates | 47.049 | PHY2149897 | | 144,347 |
| Periodic Coupled Cluster Methods for Optical Activity in Chiral Crystals | 47.049 | CHE-2154452 | | 46,081 |
| Properties and Activation Mechanisms of Mn-hydroperoxo and Mn-alkylperoxo Complexes | 47.049 | 2154955 | | 70,806 |
| Regularity and stability for solutions of quasilinear wave type models with singularities | 47.049 | DMS-2206218 | | 29,876 |
| Nonlinear Wave Models in Domains with a Boundary | 47.049 | 2206270 | | 19,352 |
| Collaborative Research: ACES Galactic Center Mass Flow | 47.049 | 2206509 | | 21,179 |
| Collaborative Research: GOing GREEN at High Resolution - Spatially Deconstructing Environmental Quenching over 9 Billion Years | 47.049 | AST-2206473 | | 16,034 |
| Catalytic synthesis via small molecule evolution | 47.049 | 2155003 | | 129,846 |
| Collaborative Research: WoU - MMA: The Radar Echo Telescope for Cosmic Rays and Neutrinos: Toward a Transformative Technology for Neutrino | 47.049 | 2306424 | | 47,424 |
| Subtotal for AL No. 47.049 | | | | 3,043,677 |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Direct | | | | |
| CAREER: Improving Understanding of Antarctic Glacier Dynamics Through an Interactive Numerical Flowline Model | 47.050 | OPP-1255488 | | $ 5,472 |
| RCN: Facilitating Indigenous Research, Science and Technology (FIRST) | 47.050 | PLR-1417767 | | 101,893 |
| Collaborative Research: Stability and Dynamics of Antarctic MarineOutlet Glaciers | 47.050 | PLR-1543530 | | 1,019 |
| Collaborative Research: Mechanisms governing synoptic-scale, rapid cloud dissipation in subtropical marine low clouds | 47.050 | AGS-1656237 | | 83,067 |
| Collaborative Research: Topographic controls on Antarctic Ice Sheet grounding line behavior - integrating models and observations | 47.050 | OPP-1745055 | | 30,475 |
| Collaborative Research: Filling in the Central Himalayan Seismic Gap: A Structural, Neotectonic, and Paleoseismic Investigation of the Western Nepal Fault System | 47.050 | EAR-1827866 | | 119,043 |
| Collaborative Research: Unearthing Antarctica's role in the Late Cretaceous evolution of flowering plants | 47.050 | OPP-1953993 | | 28,721 |
| CAREER: UAS-Based Radar Suite for Sounding and Mapping Glaciers | 47.050 | OPP-1848210 | | 75,280 |
| Collaborative Research: Time of Transformation: integrating the dynamic geologic, climatic and biotic systems of North America during the Early to Late Cretaceous transition | 47.050 | EAR-1925942 | | 66,997 |
| Collaborative Research: What Created the Southern Tibetan Plateau Drainage Divide? Integrated Tectonic and Geomorphic Investigation of the Gangdese Range and Yarlung River | 47.050 | EAR-1917706 | | 47,489 |
| Collaborative Research: Dry Rifting In the Albertine-Rhino graben (DRIAR), Uganda | 47.050 | EAR-2021724 | | 92,413 |
| EarthCube Data Capabilities: Collaborative Proposal: Broadenin Community Use and Adoption of StraboSpot | 47.050 | ICER-1928389 | | 202,862 |
| CAREER: Continental Paleoenvironmental Responses to Carbon Cycle Perturbations During the mid-Cretaceous Greenhouse | 47.050 | EAR-1941017 | | 1,976 |
| Collaborative Research: EarthChem & SESAR - Data Infrastructure for Geochemistry and Earth Science Samples Communities | 47.050 | EAR-1948813 | | 16,519 |
| Collaborative Research: Patterns, causes, and consequences of synchrony in giant kelp populations | 47.050 | OCE02023474 | | 80,029 |
| NSF GEO-NERC: Collaborative Research: Impact of the Plio-Pleistocene Transition on Provenance and Sediment Routing from the Himalaya to the Deep-Sea Bengal Fan | 47.050 | OCE-2026898 | | 91,734 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Direct | | | | |
| Collaborative Research: How roots, regolith, rock an climate interact over decades to centuries - The R3-C Frontier | 47.050 | 2121639 | | $ 45,548 |
| Collaborative Research: Deployment of Seafloor Optical Fiber Strainmeters for the Detection of Slow Slip Events | 47.050 | OCE-2127938 | | 36,182 |
| Collaborative Research: EarthCube Capabilities: Open Polar Radar (OPoRa) Software and Service | 47.050 | 2126503 | | 141,762 |
| Collaborative Research: Machine-enabled modeling of terminus ablation for Greenland"s outlet glaciers | 47.050 | 2146703 | | 12,830 |
| Collaborative Research: Catalytic Track: Improving Accuracy and Efficiency of Multicollector Mass Spectrometry | 47.050 | 2149083 | | 19,354 |
| Island Biogeography in Deep Time: The Assembly and Demise of a Uniquely Insular Eocene Mammal Fauna | 47.050 | 2141115 | | 102,748 |
| Collaborative Research: Facility: Next Generation Interoperable Data Infrastructure for Geoscience Sample Data (EarthChem, LEPR/traceDs, SESAR): IEDA Re-invented | 47.050 | EAR-2148966 | | 11,871 |
| Understanding the formation and impacts of warm-season trans-Atlantic African dust extremes | 47.050 | 2227707 | | 16,741 |
| OCE-PRF: Uncovering the drivers of marine metapopulation synchrony an resilience under climate change (POSTDOC-VADIM KARATAYEV) | 47.050 | 2205794 | | 125,249 |
| Subtotal for AL No. 47.050 | | | | 1,557,274 |
| CAREER: Unifying Heterogeneity of Extreme-Scale Cyberinfrastructures for Higher Productivity and Performance Portability | 47.070 | OAC-1942973 | | 142,646 |
| CDS&E: Collaborative Research: A Computational Framework for Reconstructing and Visualizing Myocardial Active Stresses | 47.070 | OAC-1808553 | | 25,638 |
| CSR: Small: Collaborative Research: Real-Time Computing Infrastructure for Integrated CPU-GPU SoC Platforms | 47.070 | | | 13,096 |
| AF: Small: Collaborative Research: Effective numerical algorithms and software for nonlinear eigenvalue problems | 47.070 | CCF-1812927 | | 34,699 |
| Collaborative Research: Intelligent Solutions for Navigating Big Data from the Arctic and Antarctic | 47.070 | IIS-1838236 | | 57,072 |
| CRII: SaTC: Creating and Managing Structurally-Morphing IT Systems Moving Targets | 47.070 | CNS-1850406 | | 3,276 |

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| **Research and development cluster (Continued)** | | | |
| **National Science Foundation (Continued)** | | | |
| Direct | | | |
| EAGER: SaTC: Early-Stage Interdisciplinary Collaboration: A Sociotechnical Metrics Framework for Network and Security Operations Centers | 47.070 | CNS-1915824 | $ 249 |
| Collaborative Research: CSL-MultiAD: Assessing Collaborative STEM Learning through Rich Information Flow based on Multi-Sensor Audio Diarization | 47.070 | IIS-1918012 | 25,732 |
| SaTC: CORE: Small: Digital Homelessness in the Heartland: Safeguarding and Enhancing the Experiences of Public Internet Users | 47.070 | CNS-1946180 | 42,466 |
| CRII: NeTS: Beyond PHY and Channel Measurements in Millimeter Wave: Towards Low-Overhead and Resilient Multi-hop Networking | 47.070 | CNS-1948511 | 46,966 |
| Collaborative Research: CNS Core: Medium: Combating Latency and Disconnectivity in mmWave Networks: From Theory to Implementation | 47.070 | CNS-1955561 | 79,213 |
| Collaborative Research: CNS Core: Medium: RUI: Optics without Borders. | 47.070 | CNS-1956137 | 108,453 |
| SCH: INT: Collaborative Research: Privacy-Preserving Federated Transfer Learning for Early Acute Kidney Injury Risk Prediction | 47.070 | IIS-2014552 | 130,814 |
| Collaborative Research: CPS: Medium: Real-time Criticality-Aware Neural Networks for Mission-critical Cyber-Physical Systems | 47.070 | CNS-2038923 | 93,447 |
| MRI: Acquisition of a High-Performance Computing Cluster for Science and Engineering Research at the University of Kansas | 47.070 | OAC-2117449 | 645,853 |
| SCC-CIVIC-FA Track A: Connecting Underrepresented Youths with Employment Opportunities | 47.070 | 2133384 | 755,625 |
| CAREER: SATC: Bridging the Gap Between Research and Practice: Automation and Metrics in Security Operation Centers | 47.070 | CNS-2143393 | 96,122 |
| Collaborative Research: CNS Core: Medium: TeTON: A Testbed and a Toolkit for Expediting Investigation of and Accelerating Advancements in All-Optical | 47.070 | 2211990 | 4,059 |
| Collaborative Research: CCRI: Planning-C: Accelerated Infrastructure for Simulating Future Systems | 47.070 | 2213807 | 35,802 |
| CAREER: Near-Memory Datacenter | 47.070 | 2239020 | 5,287 |
| GOALI: CNS: Medium: Communication-Computation Co-Design for Rural Connectivity and Intelligence under Nonuniformity: Modeling, Analysis, and Implementation | 47.070 | 2212565 | 82,238 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Direct | | | | |
| Conference: Student Travel Grant Request for IEEE International Symposium on Performance Analysis of Systems and Software | 47.070 | 2310166 | | $ 7,290 |
| Subtotal for AL No. 47.070 | | | | 2,436,043 |
| Collaborative Research: Discovery and analysis in the cradle of speciation theory: biotic surveys of Melanesia's terrestrial vertebrates | 47.074 | DEB-1557053 | | 127,116 |
| CAREER: Teaching Modern Biodiversity Science from Fieldwork to Phylogeny: Diversity, Systematics, & Evolution of Ecologically Promiscuous Aquatic Beetles | 47.074 | DEB-1453452 | | 62,582 |
| Collaborative Research: Fire-Fungal-Plant Feedbacks in Pyrogenic Ecosystems | 47.074 | DEB-1557000 | | 342 |
| Bridging observational, experimental and genomic insights on species and speciation through comparative analyses in a new vertebrate model systems | 47.074 | DEB-1457774 | | 25,317 |
| Collaborative Research: Hierarchical Functioning of River Macrosystems in Temperate Steppes - From Continental to Hydrogeomorphic Patch Scales | 47.074 | EF1442595 | | 2,516 |
| Collaborative Research: Connecting resources to enable large-scalebiodiversity analyses | 47.074 | DBI-1458422 | | (18) |
| DIMENSIONS: COLLABORATIVE RESEARCH: The evolution of pollination syndrome diversity in Penstemon | 47.074 | DEB-1542402 | | 93,011 |
| doseR: a novel linear modeling framework for dosage compensation analysis | 47.074 | DBI-1661454 | | 121,153 |
| Can improving predictions of soil oxygen dynamicsincrease understanding of greenhouse gas hotspots and hot moments? | 47.074 | DEB-1613325 | | (6) |
| Dimensions US-China: Collaborative Research: Microbe eco-evolutionary feedbacks as drivers of plant coexistence, diversity gradients, and overyielding | 47.074 | DEB-1738041 | | 105,964 |
| Collaborative Research: Ecological Dynamics of the Plant-Arbuscular Mycorrhizal Funal Mutualism: Contribution to Plant Species turnover and Coexistence | 47.074 | DEB-1556664 | | 24,060 |
| RAPID: Decline and Resilience of White Ash Populations during an Emerald Ash Borer Invasion | 47.074 | IOS-1644618 | | (168) |
| LTREB Renewal: Long-term studies of secondary succession and community assembly in the prairie-forest ecotone of eastern Kansas | 47.074 | DEB-1655500 | | 56,846 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Direct | | | | |
| Collaborative Research: Phylogenetic Systematics and the Evolution of Reproductive Innovation in an Adaptive Radiation of Limnonectes Fanged Frogs | 47.074 | DEB-1654388 | | $ 8,555 |
| Collaborative Research: Phylogenetic Systematics and the Evolution of Reproductive Innovation in an Adaptive Radiation of Limnonectes Fanged Frogs | 47.074 | DEB-1654388 | | 311 |
| Collaborative Research: Digitization TCN: oVert: Open Exploration of Vertebrate | 47.074 | DBI-1701932 | | 8,095 |
| Collaborative Research: ABI Development: Cultivating a sustainable Open Tree of Life | 47.074 | DBI-1759838 | | 135,237 |
| CAREER: A Novel Bioinformatic Infrastructure for Metagenome Assembly | 47.074 | DBI-1943291 | | 118,855 |
| Bilateral BBSRC-NSF/BIO: CIBR: Structural modeling of interactome to assess | 47.074 | DBI-1917263 | | 70,106 |
| Collaborative Research: Cestode phylogeny and genomics: A spine for the spineless, | 47.074 | DEB-1921411 | | 51,097 |
| Collaborative Research: SG: Clonality and the scope for adaptation in heterogeneous | 47.074 | DEB-1923495 | | 47,896 |
| Collaborative Proposal: MRA: Teleconnections Among Great Plains NEON Sites by Wind and Wing | 47.074 | DEB-1926596 | | 199,907 |
| CIBR: Collaborative Research: Integrating data communities with BiotaPhy: a computational platform for data-intensive biodiversity research and training | 47.074 | DBI-1930005 | | 157,732 |
| FSML: Enhancing research support infrastructure at the University of Kansas Field Station | 47.074 | DBI-1938412 | | 9,000 |
| Chromosomal inversions and gene expression in Mimulus | 47.074 | MCB-1940785 | | 123,905 |
| COLLABORATIVE RESEARCH: LTREB RENEWAL: The role of ecological heterogeneity in a long-term grassland restoration experiment | 47.074 | DEB-1922915 | | 56,072 |
| Collaborative Proposal: Frameworks: Internet of Samples: Toward an Interdisciplinary Cyberinfrastructure for Material Samples | 47.074 | | | 150,753 |
| Collaborative Research: Network Cluster: Geomicrobiology and Biogeochemistry in the Critical Zone | 47.074 | EAR-2012633 | | 116,366 |
| BBSRC-NSF/BIO: A holistic approach to understand drought adaptation in plants, their symbionts, and free-living microbiomes | 47.074 | IOS-2016351 | | 245,636 |
| How genomic shock triggers transposition during hybrid dysgenesis | 47.074 | MCB-2025197 | | 207,041 |
| Collaborative Research: CSBR: Ownership Transfer: Living Stocks: International Culture Collection of Arbuscular Mycorrhizal Fungi (INVAM) | 47.074 | 2027458 | | 42,313 |

(Continued)

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.
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| Federal Grantor/Program Title | Assistance Listing Number | Pass-through Entity Identifying Number | | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Direct | | | | |
| CSBR: Rehousing of the Mammal Collection at the University of Kansas Biodiversity Institute | 47.074 | 2100955 | | $ 128,965 |
| Collaborative Research: Digitization TCN: Extending Anthophila research through | 47.074 | 2101851 | | 75,277 |
| RESEARCH-PGR: Genetics and mechanisms of microbe-dependent heterosis | 47.074 | IOS-2033621 | | 184,443 |
| REU SITE: The Stressed Life of Cells | 47.074 | DBI-2051128 | | 133,524 |
| A public workflow for predicting peptide binding structures | 47.074 | 2121063 | | 41,358 |
| CAREER: The genetic mechanisms of sex-ratio meiotic drive and resistance | 47.074 | MCB-2047052 | | 214,371 |
| MCA: New directions in female aggression research | 47.074 | IOS-2121849 | | 129,414 |
| EAGER: Toward a tractable genetic model of DNA virus - Drosophila interaction | 47.074 | MCB-2135167 | | 114,277 |
| Collaborative Research: Phylogeny of Cnidaria - Convergent Evolution of Eyes, Gene Expression, and Cell Types | 47.074 | 2153774 | | 95,583 |
| UKRI/BBSRC - NSF/BIO: Modeling of protein interactions to predict phenotypic effects of genetic mutations | 47.074 | 2224122 | | 20,604 |
| Collaborative Research: Digitization and Enrichment of U.S. Herbarium Data from Tropical Africa to Enable Urgent Quantitative Conservation Assessments | 47.074 | 2223875 | | 42,221 |
| Collaborative Research: BoCP Implementation: Using the Past to Predict the Future: How Physiology and other Functional Traits Determine Survival and Extinction in W. Atlantic Mollusks | 47.074 | 2225011 | | 24,160 |
| MFB: NSF-BSF: Data-Adaptive and Metamorphosis Machine Learning Architectures for Generative Protein Design of Metal Biosensors | 47.074 | CHE-2226804 | | 205,995 |
| EAGER: Overcoming transformation and germline expression barriers | 47.074 | 2300557 | | 27,003 |
| Subtotal for AL No. 47.074 | | | | 3,804,787 |
| A Semantic Grammar of Kiowa - kio | 47.075 | BCS-1664431 | | 3,486 |
| Examining Native Language Variability and its Effects on Second Language Processing: An Event-Related Potentials Investigation of Referential Dependencies | 47.075 | BCS-1749143 | | 50,868 |
| Neural Mechanisms for Phonological Alternation with High and Low Productivity | 47.075 | BCS-1826547 | | 59,553 |
| The Genetic History of the Aleut People | 47.075 | BCS-1849338 | | 142,443 |
| Learning to pronounce ethnic names as a means of improving inter-ethnic interaction | | | | |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Direct | | | | |
| Learning to pronounce ethnic names as a means of improving inter-ethnic interaction | 47.075 | BCS-1941684 | | $ 111,688 |
| Collaborative Research: The Effect of State Disinvestment in Higher Education on Research Quality and Returns to Scale in Science Funding | 47.075 | SMA-1854849 | | 37,422 |
| Doctoral Dissertation Research: Lexical Acoustics | 47.075 | BCS-1918404 | | 1,083 |
| Doctoral Dissertation Research: Beyond the Law: Responding to Sexual Violence with Restorative Justice | 47.075 | SES-2017456 | | 947 |
| Conferences to Strengthen the Kansas Health Economics Community | 47.075 | SES-1941552 | | 22,731 |
| Enhancing the Perception and Recognition of Spoken Words in a Second Language: A Cue-Weighting Approach | 47.075 | BLS-2016750 | | 53,835 |
| Collaborative Research: Assessing the Impact of Lead Agency Cross-Functional Authority on City Sustainability Outcomes | 47.075 | SES-2021044 | | 73,468 |
| Collaborative Research: Dealing with Disruption: Investigating the Micro-level Underpinnings of City Response to the Climate Crisis | 47.075 | SES-2049917 | | 74,284 |
| Modeling the dynamics of belief formation: Towards a computational understanding of the timing and accuracy of probability judgments | 47.075 | SES-212112 | | 179,054 |
| Investigating the genetic history of the Central and Southern Plains | 47.075 | 2051397 | | 103,097 |
| Speech perception in younger and older adults: Cue-weighting and contextual information | 47.075 | 2141302 | | 141 |
| Optimized spatial data conflation with topological conditions | 47.075 | 2215155 | | 25,578 |
| Complementizers and Complementation in Bantu Languages | 47.075 | 2140837 | | 70,824 |
| SCISIPBIO: Examining the Career Barriers Confronting African American of Black Biomedical Scientists | 47.075 | 2152437 | | 55,625 |
| Using Publication, Patent, and NSF Grant Data Linked to the Survey of Doctorate Recipients to Understand Science Career Trajectories | 47.075 | NCSE-2215606 | | 54,820 |
| Subtotal for AL No. 47.075 | | | | 1,120,947 |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Direct | | | | |
| Deep Roots: Wide-Spread implementation of community-driven evidence-based Pedagogy | 47.076 | DUE-1525775 | | $ 32,444 |
| CyberCorps: New Scholarships for Service (SFS) Program at the University of Kansas - Jayhawk SFS | 47.076 | DGE-1565570 | | 283,794 |
| Collaborative Research: Transforming the Evaluation of Teaching: A Study of Institutional Change to Advance STEM Undergraduate Education | 47.076 | DUE-1726087 | | 55,312 |
| Collaborative Research: Technology Education for Women in Transition: Broadening Participation Through Innovations | 47.076 | DRL-1907002 | | 239,886 |
| CANSec: The Central Area Networking and Security Workshop | 47.076 | DGE-1842678 | | 3,878 |
| Collaborative Research: Cool Science: Art as a Vehicle for Intergenerational Learning | 47.076 | DRL-1906810 | | 134,785 |
| NRT-HDR: The Internet of Catalysis - Harnessing Data Science for Catalyst Design | 47.076 | DGE-1922649 | | 358,990 |
| Graduate Research Fellowship Program | 47.076 | DGE-1940699 | | 237,000 |
| Collaborative Research: SaTC: EDU: Hardware Security Education for All through Seamless Extension of Existing Curriculum | 47.076 | 2114157 | | 13,927 |
| Collaborative Research: Peek Inside the Box: Gamified Learning of Computing Hardware Fundamentals | 47.076 | 2142696 | | 13,591 |
| Collaborative Research: ADVANCE Partnership: Empowering scientists to transform workplace climate through the | 47.076 | 2204022 | | 91,334 |
| Subtotal for AL No. 47.076 | | | | 1,464,941 |
| Collaborative Research: EAGER: A Dual-Band Radar for Measuring Internal Ice Deformation: a Multipass Ice-Penetrating Radar Experiment on Thwaites Glacier and the McMurdo Ice Shelf | 47.078 | OPP-2027615 | | 66,795 |
| EAGER: Extending Greenland glacier observations using newly-discovered aerial photographs | 47.078 | 2135018 | | 112,073 |
| Investigation into Initial Population Movement into the New World | 47.078 | 2243622 | | 9,889 |
| Collaborative Research: NSFGEO-NERC: Understanding surface-to-bed meltwater pathways across the Greenland Ice Sheet using machine-learning and physics-based models | 47.078 | 2235052 | | 8,379 |
| Subtotal for AL No. 47.078 | | | | 197,136 |

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| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Direct | | | | |
| RII Track-1: Microbiomes of Aquatic, Plant and Soil Systems (MAPS) mediating sustainability: An observational and experimental network across Kansas | 47.083 | OIA-1656006 | | $ 3,637,755 |
| RII Track-2 FEC: Marshalling Diverse Big Data Streams to Understand Risk of Tick-borne Diseases in the Great Plains | 47.083 | 1920946 | | 778,364 |
| RII Track-2 FEC: Aquatic Intermittency effects on Microbiomes i Streams (AIMS) | 47.083 | OIA-2019603 | | 1,445,571 |
| RII Track-2 FEC - Advanced Manufacturing of Renewable and Recyclable Polymers | 47.083 | 2119754 | | 1,400,854 |
| RII Track-1: Adaptive and Resilient Infrastructures driven by Social Equity (ARISE) | 47.083 | OIA-2148878 | | 1,701,935 |
| MRI: Development of a Reconfigurable Radar for UAS Applications | 47.083 | 2216455 | | 47,199 |
| R11-BEC: Mitigating COVID-19 Career Challenges with Research an Professional Development Training for Undergraduate Students and Mentors in Field-based Environmental Sciences | 47.083 | OIA-2225863 | | 74,085 |
| RII Track-4:NSF:Assessing Dynamic Connectivity of Streams and Wetlands across Spatial and Human Gradients with Deep Learning | 47.083 | 2229616 | | 46,790 |
| Subtotal for AL No. 47.083 | | | | 9,132,553 |
| NSF Convergence Accelerator Track G: Combating Vulnerability and Unawareness in 5G Network Security: Signaling and Full-Stack Approach | 47.084 | ITE-2226447 | | 336,881 |
| NSF Intergovernmental Personnel Act for Joan Sereno | 47.000 | 13 OF69 | | 127,714 |
| Subtotal: National Science Foundation- Direct | | | | 25,227,965 |

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| Federal Grantor/Program Title | Assistance Listing Number | Pass-through Entity Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Passthrough- AMERICAN MUSEUM OF NATURAL HIS | | | | |
| Collaborative Research: All Birds: A Time-scaled Avian Tree From Integrated Phylogenomic and Fossil Data | 47.074 | A14-2023-1 | 1655736 | $ 917 |
| Passthrough- AMERICAN PHYSICAL SOCIETY | | | | |
| PhysTEC: Building a Solution to the National Physics Teacher Shortage | 47.049 | PT-002-2019 | PHY-1707990 | 12,909 |
| Passthrough- BATTELLE MEMORIAL INSTITUTE | | | | |
| Reaeration Analyses: SF6, Chloride, Bromide | 47.074 | US001-0000731738 | | 5,057 |
| Mosquito Taxonomic Identification | 47.000 | US001-0000732907 | NEON Cooperative Agreement | 85,423 |
| Dissolved Gas Analyses: CH4, CO2, N20 | 47.000 | US001-0000732763 | NEON Cooperative Agreement | 34,682 |
| Passthrough- CARNEGIE MELLON UNIVERSITY | | | | |
| Dyadic Behavior Informatics for Psychotherapy Process and Outcome | 47.075 | 1122586-438046 | IIS-1722822 | 13,950 |
| Passthrough- COLUMBIA UNIVERSITY | | | | |
| Collaborative Research: Frameworks: Internet of Samples: Toward an Interdisciplinary Cyberinfrastructure for Material Samples | 47.070 | 1(GG015554-01) | OAC-2004839 | 60,775 |
| Passthrough- CORNELL UNIVERSITY | | | | |
| U.S. CMS Upgrades for the HL-LHC | 47.049 | 79433-20679 | PHY-1946735 | 48,618 |
| Passthrough- COUNCIL FOR OPPORTUNITY IN EDUCATION | | | | |
| ITEST Strategies proposal - iStrongG (Inclusive, Strong and Green): A student-centered systems thinking-based curriculum. | 47.076 | 1759163-3 | | 15,502 |
| Passthrough- DONALD DANFORTH PLANT SCIENCE CENTER | | | | |
| BII: New Roots for Restoration: integrating plant traits, communities, and the soil ecosphere to advance restoration of natural and agricultural systems | 47.074 | 24409-K | 2120153 | 426,819 |
| Passthrough- DUKE UNIVERSITY | | | | |
| Human and Natural Forcings of Critical Zone Dynamics and Evolution at the Calhoun Critical Zone Observatory | 47.050 | 14-NSF-1078 | EAR-1331846 | 1 |
| Passthrough- GEORGIA STATE UNIVERSITY | | | | |
| Smart and Safe Prescribed Burning for Rangeland and Farmland Communities | 47.070 | SP00015053-01 | CNS-2125361 | 2,822 |
| Passthrough- HASKELL FOUNDATION | | | | |
| Large-scale CoPe: Rising Voices, Changing Coasts: The National Indigenous and Earth Sciences Convergence Hub | 47.075 | HFKU-01 | 2103843 | 43,989 |
| Passthrough- INDIANA UNIVERSITY | | | | |
| CIF21 DIBBS: Middleware and High Performance Analytics Libraries for Scalable Data Science | 47.070 | BL-4848800-UK | | (1,886) |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Passthrough- KANSAS STATE UNIVERSITY | | | | |
| LTER: Manipulating drivers to assess grassland resilience | 47.074 | A21-0332-S003 | DEB-2025849 | $ 47,612 |
| GP-IN: SOARING: Sharing Opportunities, Approaches, and Resources in New Geo-teaching | 47.078 | A21-0163-S001 | OPP-2022964 | 18,756 |
| Passthrough- NATIONAL RADIO ASTRONOMY OBSE | | | | |
| NRAO Student Observing Support (SOS) Proposal to support Benjamin Moreau | 47.049 | | | 14,007 |
| Passthrough- NATIONAL SCIENCE FOUNDATION | | | | |
| RAPID: Collaborative Research: Digitize a track, save a dinosaur! | 47.050 | EAR-2035530 | | 4,404 |
| Passthrough- NATURAL HISTORY MUSEUM OF LOS ANGELES COUNTY | | | | |
| Digitization PEN: Collaborative Research: The Cretaceous World Connecting the Cretaceous Seas of North America | 47.074 | 1902262 | 1902262 | 2,711 |
| Passthrough- NEW YORK UNIVERSITY | | | | |
| Melting at Thwaites grounding zone and its control on sea level (THWAITES-MELT) | 47.050 | F0691-02 | Melting at Thwaites grounding zone and its control on sea level (THWAITES-MELT) | 40,444 |
| Passthrough- OREGON STATE UNIVERSITY | | | | |
| Center for OLDest Ice EXploration (COLDEX) | 47.078 | S2306L-I | OPP-2019719 | 832,318 |
| Passthrough- PENNSYLVANIA STATE UNIVERSITY | | | | |
| NSFPLR-NERC: Ground Geophysics Survey of Thwaites Glacier | 47.050 | 5860-UKCR-NSF-8934 | OPP-1738934 | 66,986 |
| Passthrough- SOUTH DAKOTA SCHOOL OF MINES | | | | |
| RII Track-2 FEC: The IceCube EPSCoR Initiative (IEI) - IceCube and the Data Revolution | 47.083 | SDSMT- KU 21-05 | OIA-2019597 | 318,170 |
| Passthrough- TEXAS A AND M UNIVERSITY COLLEG | | | | |
| Broadening Community Use and Adoption of StraboSpot | 47.050 | M2301358 | ICER-1928348 | 191,512 |
| Passthrough- UNIVERSITY OF ALABAMA-BIRMINGHAM | | | | |
| Bill: IISAGE - Discovering the Mechanisms and Evolution of Aging Differences Between Females and Males | 47.074 | 000535058-SC001 | 2213824 | 7,267 |
| Passthrough- UNIVERSITY OF ILLINOIS-CHICAGO | | | | |
| Collaborative Research: Improving Multi-dimensional Assessment and Instruction: Building and Sustaining Elementary Science Teachers' Capacity Through Learning Communities | 47.076 | 19233 | DRL-1813737 | 16,679 |
| Passthrough- UNIVERSITY OF IOWA | | | | |
| RII Track-2 FEC: Critical Resource Availability for the Future of the Renewable Energy Industry: Critical Minerals and Ground Water Resources in Iowa and Kansas | 47.083 | S02918-01 | OIA-2119551 | 31,174 |

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|---|---|---|---|---|
| **Research and development cluster (Continued)** | | | | |
| **National Science Foundation (Continued)** | | | | |
| Passthrough- UNIVERSITY OF KANSAS MEDICAL CE | | | | |
| Sub-cellular Neurotransmitter Population Dynamics in Chemobrain | 47.074 | GR16875-Johnson | 2P30CA168524-11 | $ 28,813 |
| Passthrough- UNIVERSITY OF NEBRASKA - LINCOLN | | | | |
| U.S. CMS Operations at the Large Hadrion Collider | 47.049 | 25-0521-0244-006 | PHY-2121686 | 33,491 |
| Passthrough- UNIVERSITY OF NEVADA, LAS VEGAS | | | | |
| THE GENETIC BASIS OF LOCAL ADAPTATION ACROSS AN ISLAND ADAPTIVE RADIATION | 47.074 | GR17050 | 2204729 | 13,333 |
| Passthrough- UNIVERSITY OF NORTHERN COLORADO | | | | |
| Collaborative Research: Developing a Next Generation Concept Inventory using Constructed Response for evaluating student knowledge of complex FEW systems in environmental education | 47.076 | 000021-00001A.008.00 | 4040-0001 | 2,297 |
| Passthrough- UNIVERSITY OF THE VIRGIN ISLANDS | | | | |
| Ridge to Reef Processes and Interdependent Drivers of Small Island Resilience | 47.083 | 1946412-02 | OIA-1946412 | 17,415 |
| Passthrough- UNIVERSITY OF WISCONSIN-MADISON | | | | |
| QuarkNet center at the University of Kansas | 47.050 | 0000002485 | | 12,376 |
| Passthrough- VANDERBILT UNIVERSITY | | | | |
| Collaborative Research: SHF: Small: Learning Fault Tolerance at Scale | 47.070 | OSA00000080 | | 62,916 |
| Passthrough- VANDERBILT UNIVERSITY | | | | |
| Energy Efficient Superconducting Neuromorphic Computing Circuits | 47.050 | 480773-19799 | ICER-2108196 | 103,945 |
| Passthrough- ZENOLEAP LLC | | | | |
| Energy Efficient Superconducting Neuromorphic Computing Circuits | 47.084 | 26951 | TI-2136676 | 33,488 |
| Subtotal: National Science Foundation- Passthrough | | | | 2,649,692 |
| **Total: National Science Foundation** | | | | **27,877,657** |
| **Total Research and Development Cluster** | | | | **112,864,314** |

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|---|---|---|---|---|
| **TRIO** | | | | |
| **Department of Education** | | | | |
| Direct | | | | |
| University of Kansas TRIO Student Support Services - SES | 84.042 | P042A160846 | | $ 3 |
| KU Student Support Services Science, Technology, Math, Engineering and Health Sciences (SSS STEM) | 84.042 | P042A201664 | | 268,554 |
| University of Kansas Student Support Services (KU SSS) | 84.042 | P042A211632 | | 315,595 |
| Subtotal for AL No. 84.042 | | | | 584,152 |
| University of Kansas Talent Search | 84.044 | P044A210069 | | 488,132 |
| University of Kansas Math & Science Center | 84.047 | P047M170310 | | 226,709 |
| University of Kansas Upward Bound Math & Science (KU-UBMS) | 84.047 | P047M170490 | | 171,821 |
| University of Kansas Upward Bound Program | 84.047 | P047A180353 | | 566,332 |
| The University of Kansas Veterans Upward Bound Program | 84.047 | P047V180027 | | 362,676 |
| University of Kansas Upward Bound Math and Science Program, Leavenworth and Turner (KU UBMS-LT) | 84.047 | P047M220068 | | 178,700 |
| University of Kansas Upward Bound Math-Science Center (KU-MSC) | 84.047 | P047M220154 | | 115,110 |
| Subtotal for AL No. 84.047 | | | | 1,621,348 |
| University of Kansas EOC - Leavenworth and Franklin County | 84.066 | P066A160079 | | (84) |
| University of Kansas Educational Opportunity Center (KU-EOC) | 84.066 | P066A210033 | | 313,114 |
| University of Kansas EOC Leavenworth-Franklin County (KU-EOC-LV-FR) | 84.066 | P066A210117 | | 265,470 |
| Subtotal for AL No. 84.066 | | | | 578,500 |
| KU TRIO Training Program for Absolute Priority 2 (KU TTP-2) | 84.103 | P103A220007 | | 178,047 |
| McNair Scholars Program | 84.217 | P217A170081 | | 168,546 |
| University of Kansas Ronald E. McNair Post-Baccalaureate Achievement Program (KU-MSP) | 84.217 | P217A220144 | | 173,492 |
| Subtotal for AL No. 84.217 | | | | 342,038 |
| **Total: Department of Education** | | | | **3,792,217** |
| **Total TRIO Cluster** | | | | **3,792,217** |

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|---|---|---|---|---|
| **Maternal Cluster** | | | | |
| **Department of Health and Human Services** | | | | |
| Passthrough- KANSAS DEPARTMENT OF HEALTH & ENVIRONMT | | | | |
| Kansas Maternal, Infant and Early Childhood Home Visiting Program | 93.505 | | | $ (169) |
| Maternal, Infant and Early Childhood Home Visiting DAISEY Date Management for FY21 | 93.870 | 22021 | | 2,246 |
| MIECHV Coordinated State Evaluation FY21 MA 48567 UKCR | 93.870 | TO 22036 | X10MC43582 | 65,807 |
| MIECHV Continuous Quality Improvement FY22 | 93.870 | 22050 | 10MC39687 | 56,626 |
| Maternal, Infant and Early Childhood Home Visiting DAISEY Date Management | 93.870 | KDHE TO 22082 | | 227,993 |
| Kansas MIECHV Readiness Assessment | 93.870 | KDHE TO 22068 | X10MC43582 MIECHV | 224,738 |
| MIECHV Learning Management System 2022-2026 (TO 23024) | 93.870 | 48567, TO 23024 | MIECHV Grants | 114,851 |
| Kansas MIECHV Community Readiness Assessment (TO 23030) | 93.870 | TO 23030, contract 48567 | X1046866 MIECHV | 32,613 |
| Kansas MIECHV Coordinated State Evaluation (TO 23031) | 93.870 | 23031 PO104393 | X1046866 MIECHV | 138,154 |
| Kansas MIECHV Program | 93.870 | 23050 | | 61,964 |
| Passthrough-STATE OF NEBRASKA DEPARTMENT OF HEALTH & HUMAN SERVICES | | | | |
| Home Visiting Data Collection and Management - Nebraska | 93.870 | 88265-O4 | | 69,666 |
| Passthrough- UNIVERSITY OF ILLINOIS | | | | |
| All Our Kids Network University of Illinois IRIS Proposal (Year 4) | 93.870 | 105294-18575 | FCSAS04778 | 256 |
| Passthrough- WISCONSIN DEPARTMENT OF CHILDREN & FAMILIES | | | | |
| 2022: Wisconsin Family Foundations Home Visiting shared Measurements System | 93.870 | 437003-C20-0001518-R02-01 | | 117,955 |
| Wisconsin Family Foundations Home Visiting Shared Measurements System | 93.870 | 437003-C20-0001518-R03-01 | Maternal, Infant and Early Childhood Home Visiting Grant Program | 38,200 |
| Subtotal: Department of Health and Human Services- Passthrough | | | | 1,150,900 |
| **Total: Department of Health and Human Services** | | | | **1,150,900** |
| **Total Maternal Cluster** | | | | **1,150,900** |

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|---|---|---|---|---|
| **Other Programs** | | | | |
| **Department of Defense** | | | | |
| Direct | | | | |
| University of Kansas IC Center for Academic Excellence (KU-ICCAE) | 12.598 | 2020-20061700010 | | $ 70,984 |
| Army Educational Outreach Program (UNITE) | 12.63 | | | 17,618 |
| KU STARTALK Arabic Academy | 12.9 | H98230-22-1-0069 | | 7,851 |
| 2021 GenCyber - University of Kansas | 12.901 | H98230-21-1-0085 | | 111,108 |
| GenCyber Summer Camp at the University of Kansas -- Inspiring the Next Generation of Cyber Defenders | 12.903 | H98230-22-1-0211 | | 1,748 |
| Subtotal: Department of Defense- Direct | | | | 209,309 |
| Passthrough- ARMY EDUCATIONAL OUTREACH PROGRAM | | | | |
| Army Educational Outreach Program (UNITE) | 12.63 | | | 1 |
| Passthrough- INSTITUTE OF INTERNATIONAL EDUCATION | | | | |
| Master Agreement - KU Project GO Center: Attaining Intercultural Understanding through Critical Language Learning for 21st Century Officers | 12.357 | PGO1801-KU-10 | H98210-18-2-002 | 463,913 |
| Cost Reimbursement Umbrella Agreement for Prime Award Number H98210-18-2-0002 | 12.357 | PGO1801-KU-10 | H98210-18-2-0002 | 586,510 |
| Cost Reimbursement Umbrella Agreement for Prime Award Number H98210-23-C-0010 | 12.357 | PGO2301-KU-10 | H98210-23-C-0010 | 35,308 |
| Building Language Capacity and Cultural Competency to Meet National Security Needs: The University of Kansas Language Training Center | 12.579 | 2603-KU-10-LTC052P08 | | (116) |
| Passthrough- KANSAS STATE UNIVERSITY | | | | |
| Learning, Exploration, and Application for Prospective Engineering Students (LEAPES) | 12.006 | A22-0220-S001 | HQ00342110017 | 195,910 |
| Subtotal: Department of Defense- Passthrough | | | | 1,281,526 |
| **Total: Department of Defense** | | | | **1,490,835** |
| **Department of Agriculture** | | | | |
| Passthrough- KANSAS DEPARTMENT FOR CHILDREN AND FAMILIES | | | | |
| SNAP Process and Technology Improvement Grant | 10.580 | | | 133,630 |
| Passthrough- UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE | | | | |
| Kansas-Missouri Nutrition Incentive Collaborative | 10.331 | GR16154 | Food Insecurity Nutrition Incentive Program | 5,886 |
| Subtotal: Department of Agriculture- Passthrough | | | | 139,516 |
| **Total: Department of Agriculture** | | | | **139,516** |

(Continued)

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

| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Other Programs (Continued)** | | | | |
| **Department of the Interior** | | | | |
| Passthrough- NATIONAL FISH & WILDLIFE FOUND | | | | |
| Building Capacity for Milkweed/Monarch Habitat Restoration in Eastern Oklahoma | 15.608 | 2007.15.050502 | Building Capacity for Milkweed/Monarch Habitat Restoration in Eastern Oklahoma | $ 1,963 |
| Subtotal: Department of the Interior- Passthrough | | | | 1,963 |
| **Total: Department of the Interior** | | | | **1,963** |
| **Department of Justice** | | | | |
| Direct | | | | |
| Paul E. Wilson Defender Project | 16.603 | 15B40818PUF53002-003-004 | | 1,304 |
| Paul E. Wilson Defender Project | 16.000 | 15B40818PTF530001 | | 52 |
| U.S.P. LEAVENWORTH LEGAL ASSISTANCE PROGRAM | 16.000 | 15B40819D00000033 | | 49,761 |
| Subtotal: Department of Justice- Direct | | | | 51,117 |
| Passthrough- IDAHO, STATE OF | | | | |
| Idaho Safe Schools, Safe Students | 16.839 | HC204400 | STOP School Violence | 161,524 |
| Subtotal: Department of Justice- Passthrough | | | | 161,524 |
| **Total: Department of Justice** | | | | **212,641** |
| **Corporation for National and Community Service** | | | | |
| Passthrough- ARIZONA STATE UNIVERSITY | | | | |
| Enhancing the Public Health Response to Domestic Violence in the Context of COVID-19 | 94.006 | ASUB00001163 | 22NDDAZ001 | 38,101 |
| Subtotal: Corporation for National and Community Service - | | | | 38,101 |
| **Total: Corporation for National and Community Service** | | | | **38,101** |
| **Department of State** | | | | |
| Direct | | | | |
| Study of the U. S. Institutes for Student Leaders on Womens Leadership | 19.009 | S-ECAGD-18-CA-1040 | | 195,478 |
| | | | | 1,048,991 |
| Study of the U.S. Institutes for Young Women Leaders: Elevating Womens Global Leadership | 19.009 | SECAGD22CA0022 | | |
| Subtotal: Department of State- Direct | | | | 1,244,469 |
| Passthrough- INSTITUTE OF INTERNATIONAL EDUCATION | | | | |
| 2023 Eight-Week Hubert H. Humphrey Fellowship Pre-Academic Training Program | 19.010 | 3000294287 | S-ECAGD-23-CA-0009 | 2,118 |
| Hosting Agreement: Six-week English language certificate program for high school English teachers ("Participants") from Brazil | 19.408 | FBC2001000 | Fulbright | 293,189 |
| 2022 Eight-Week Humbert H. Humphery Fellowship Pre-Academic Training Program | 19.000 | 300253385 | | 267,571 |
| Subtotal: Department of State- Passthrough | | | | 562,878 |
| **Total: Department of State** | | | | **1,807,347** |

(Continued)

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

| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Other Programs (Continued)** | | | | |
| **Department of Transportation (Continued)** | | | | |
| **Department of Transportation** | | | | |
| Passthrough- KANSAS DEPARTMENT OF TRANSPORTATION | | | | |
| 2021 Local Technical Assistance Program (LTAP) | 20.215 | RE-0255-21-LTAP-R025-521 | RE-0255-21-LTAP-R025-521 | $ 2,131 |
| 2022 Local Technical Assistance Program (LTAP) | 20.215 | RE-0255-22-LTAP-R025-522 | | 367,065 |
| 2023 Local Technical Assistance Program (LTAP) | 20.215 | RE-1255-23 | | 305,604 |
| Kansas Innovation Summit | 20.200 | | | 292 |
| Technical Services for the Kansas Rural Transit Assistance Program (RTAP) – FY 2021 | 20.509 | PT-0511-41 | | 1,367 |
| Transportation Safety Conferences 2013- | 20.600 | SA-0943-21 | | 50,862 |
| KDOT Transportation Safety Conference | 20.600 | SA-0943-23 | 69A3752230000402 | 107,843 |
| Passthrough- KANSAS DEPARTMENT OF TRANSPORTATION (Continued) | | | | |
| Data Access and Support Center (DASC) GIS Mapping Integration | 20.616 | TR-2114-22 | 69A3752030000405 CKS0 | 261,717 |
| Passthrough- KANSAS DIVISION OF EMERGENCY | | | | |
| Trainings to Kansas Counties through Kansas University Fire and Rescue Training Institute during the federal fiscal year 2020-2021 | 20.703 | | 693JK31940016HM EP | 17,843 |
| Hazardous Materials Training to fire and emergency services personnel in the State of Kansas delivered through Kansas Fire & Rescue Training Institute 2022-2023 | 20.703 | | 693JK32240057HM EP | 4,485 |
| Passthrough- KANSAS STATE UNIVERSITY SPA | | | | |
| Traffic Assistance Services for Kansas (TASK) Program (FY 2022-2023) | 20.215 | A21-0571-S001 | | 36,133 |
| Subtotal: Department of Transportation- Passthrough | | | | 1,155,342 |
| **Total: Department of Transportation** | | | | **1,155,342** |
| **Department of the Treasury** | | | | |
| Direct | | | | |
| VITA Grant Project | 21.009 | 22VITA0218 | | 42,168 |
| VITA Grant Project | 21.009 | 23VITA0274 | | 39,497 |
| Subtotal for AL No. 21.009 | | | | 81,665 |
| Subtotal: Department of the Treasury- Direct | | | | 81,665 |
| Passthrough- DOUGLAS COUNTY, KANSAS | | | | |
| Douglas County, KS and City of Lawrence, KS Homelessness Needs Assessment | 21.027 | SRA25579 | | (228) |
| Passthrough- ENTERPRISEKC | | | | |
| EnterpriseKC Cybersecurity Center of Excellence Cybersecurity Assessments (Project 1) and Cybersecurity Talent Exchange (Project 2) | 21.027 | SRA27014 | | 533,347 |
| Passthrough- KANSAS DEPARTMENT FOR CHILDREN AND FAMILIES | | | | |
| DCF ARPA Planning and Support | 21.027 | | ARPA funds | 197,429 |
| Subtotal: Department of the Treasury- Passthrough | | | | 730,548 |
| **Total: Department of the Treasury** | | | | **812,213** |

(Continued)

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

| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Other Programs (Continued)** | | | | |
| **Federal Communications Commission** | | | | |
| Direct | | | | |
| Kansas Deaf Blind Equipment Distribution--Assistive Technology for Kansans | 32.000 | DA 19-557 | | $ 16,561 |
| Kansas Deaf Blind Equipment Distribution--Assistive Technology for Kansans | 32.000 | DA 22-549 | | 108,917 |
| Subtotal: Federal Communications Commission- Direct | | | | 125,478 |
| **Total: Federal Communications Commission** | | | | **125,478** |
| **Institute of Museum and Library Services** | | | | |
| Direct | | | | |
| Boarders that Define and Divide | 45.024 | 1862250-54-20 | | (5,466) |
| To support research and planning for the exhibition Bold Women: Changing the World and Art | 45.024 | 1865585-44-21 | | 7,479 |
| Returning: Community-based Art Experience Involving Women in Reentry and | 45.024 | 1865778-41-21 | | 11,305 |
| KU Powwow & Indigenous Cultures Festival (ICF) | 45.024 | 1884573-55-21 | | (224) |
| To support a workshop production of Never Quite by composer Susan Kander and librettist Roberta Gumbel | 45.024 | 1894383-36-22 | | 9,864 |
| To support research and preliminary work for the 2025 exhibition STREET NIHONGA: The Art of jimmy Tsutomu Mirikitani and accompanying publication | 45.024 | 1906367-44-23 | | 15,879 |
| Subtotal for AL No. 45.024 | | | | 38,837 |
| To support infrastructure improvements to the Spencer Museum of Art's collection storage, freight elevator, and galleries. | 45.130 | CHA-261952-19 | | 53,748 |
| Improving energy efficiency in collection storage in Spencer Research Library, University of Kansas | 45.149 | PF-271970-20 | | 248,648 |
| Global Medical Humanities: Bridging Digital Health Divides | 45.162 | AK-255364-17 | | 24,803 |
| Hurston on the Horizon in the Past, Present, and Future | 45.163 | EH-272538-20 | | 1,675 |
| Revisioning the Spencer Museum of Art's Collection Galleries | 45.164 | GI27833821 | | 220,110 |
| Building Literacy and Curating (Critical Cultural) Knowledge in Black Humanities: BLACK DH | 45.169 | HAA28103021 | | 113,811 |
| Building Capacity for Diversity, Equity, Access, and Inclusion at the Spencer Museum of Art | 45.301 | MA-40-19-0377-19 | | 41,141 |
| Natural History Mystery: Immersing families in a problem-solving game using museum collections | 45.301 | MA-249109-OMS-21 | | 2,336 |
| Strengthening Digital Platforms for Teacher, Learning, and Exploration | 45.301 | MA-249559-OMS-21 | | 63,721 |
| Database and Application Development for Access, Education, and Research | 45.301 | MA251667OMS22 | | 83,763 |
| Subtotal for AL No. 45.301 | | | | 190,961 |
| Subtotal: Institute of Museum and Library Services- Direct | | | | 892,593 |

(Continued)

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

| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Other Programs (Continued)** | | | | |
| **Institute of Museum and Library Services (Continued)** | | | | |
| Passthrough- CHILDRENS MUSEUM OF TACOMA | | | | |
| Evaluating Military Family Programming | 45.312 | 22898 | MG-80-19-0029-19 | $ 9,095 |
| Passthrough- CITY OF LAWRENCE | | | | |
| Gallery Reopening Community Promotion | 45.024 | | 22CMNEAARP | 10,000 |
| KU Indigenous Cultures Festival Artist | 45.000 | | | 9,825 |
| Passthrough- HUMANITIES KANSAS | | | | |
| Faith in the Free State Podcast | 45.129 | 221008MJ | SO-268871-20 | 3,500 |
| SHARP Recovery Grant - 221824SH - Kansas Public Radio | 45.129 | | S0-253126-17 | 233 |
| Rebuilding Community Online and at Home | 45.149 | 4960 | S0-253126-17 | 1 |
| Passthrough- KANSAS DEPARTMENT OF | | | | |
| Innovative Partnership for Community-based Art Experience Involving Women Transitioning from Incarceration and the Public | 45.025 | NFY22-004 | | 18,016 |
| NORTH & the Underground Railroad | 45.025 | NFY22-004 | 1903767-61-22 | 3,510 |
| Passthrough- MID-AMERICA ARTS ALLIANCE | | | | |
| Modern Warriors Live - Engagements and Performance at the University of Kansas | 45.024 | FY2023-00113586 | | 23,580 |
| Passthrough- NATIONAL ENDOWMENT FOR HUMANITIES | | | | |
| The Public Digital Humanities: An Institute for Academic/Community Collaborations | 45.169 | HT-281161-21 | | 45,552 |
| Passthrough- NORTH CAROLINA STATE | | | | |
| Scholarly Communication Notebook | 45.312 | 2019-2227-02 | LG-36-19-0021-19 | 5,794 |
| Passthrough- WEST VIRGINIA UNIVERSITY | | | | |
| The American Congress Digital Archives Portal Project | 45.149 | 21020UK | PW277585 | (340) |
| Subtotal: Institute of Museum and Library Services- Passthrough | | | | 128,766 |
| **Total: Institute of Museum and Library Services** | | | | **1,021,359** |
| **Business Administration** | | | | |
| Passthrough- FORT HAYS STATE UNIVERSITY | | | | |
| University of Kansas Small Business Development Center - 2022 | 59.037 | 2213 | | 70,532 |
| University of Kansas Small Business Development Center: 2023 | 59.037 | | Small Business Development Center Grant | 45,163 |
| Subtotal: Small Business Administration- Passthrough | | | | 115,695 |
| **Total: Small Business Administration** | | | | **115,695** |

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

| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Other Programs (Continued)** | | | | |
| **Department of Education** | | | | |
| Direct | | | | |
| Cultivating Global Citizenship in the Heartland: The Kansas African Studies Center | 84.015 | P015B180104-19 | | $ 151,563 |
| NRC: Building Global Competencies in the 21st Century: University of Kansas Center for East Asian Studies | 84.015 | P015A180095 | | 97,721 |
| Cultivating Global Citizenship in the Heartland: The Kansas African Studies Center | 84.015 | P015A180104 | | 204,372 |
| FLAS: Building Global Competencies in the 21st Century: University of Kansas Center for East Asian Studies | 84.015 | P015B1800950 - 20 | | 31,447 |
| Fostering Global Competency and Engagement in the Heartland: The University of Kansas Center for Russian, East European and Eurasian Studies | 84.015 | P015A200004 | | 242,171 |
| FLAS: Global Asia | 84.015 | P015B220120 | | 170,757 |
| NRC: Global Asia | 84.015 | P015A220124 | | 131,814 |
| FLAS: Supporting Sustainable Connections: The Kansas African Studies Center | 84.015 | P015B220148 | | 169,217 |
| NRC: Supporting Sustainable Connections: The Kansas African Studies Center | 84.015 | P015A220149 | | 58,643 |
| FLAS: Rethinking Russian, East European, and Eurasian Studies in the Heartland for a Global and Digital Age | 84.015 | P015B220119 | | 224,332 |
| NRC: Rethinking Russian, East European, and Eurasian Studies in the Heartland for a Global and Digital Age | 84.015 | P015A220123 | | 49,259 |
| NRC: Center for Latin American and Caribbean Studies: Strengthening Communities | 84.015 | P015A220136 | | 43,820 |
| (FLAS) Center for Latin American and Caribbean Studies: Strengthening | 84.015 | P015B220130 | | 194,277 |
| Support: Connecting Communities: Increasing Competencies in Less Commonly | 84.015 | P015B180021 | | 34,177 |
| Connecting Communities: Increasing Competencies in Less Commonly Taught | 84.015 | P015A180021 | | 146,495 |
| Subtotal for AL No. 84.015 | | | | 1,950,065 |
| Heartland College Assistance Migrant Program (HCAMP) | 84.149 | S149A220010 | | 310,336 |
| University of Kansas Open Language Resource Center | 84.229 | P229A1808008 | | 49,770 |
| Leadership Training in Nondiscriminatory Special Education Policy and Practice | 84.325 | H325D150085 | | 25,783 |
| University of Kansas Project to Develop Responsive, Innovative, and Visionary Educators (KU-DRIVE), Type A | 84.325 | H325D150084-19 | | 5,499 |
| ALL-Together In Early Education (ALL-TiEE): Early Childhood Unified Masters Project | 84.325 | H325K160075 | | 8,638 |
| Subtotal for AL No. 84.325 | | | | 39,920 |

(Continued)

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

| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Other Programs (Continued)** | | | | |
| **Department of Education (Continued)** | | | | |
| Direct | | | | |
| The University of Kansas Child Care Access Means Parents in School Program (KU-CCAMPIS) | 84.335 | P335A180137 | | $ 150,357 |
| PEAK: Partners in Education Across Kansas | 84.351 | S351A210022 | | 287,121 |
| Supporting Technology, Educators, and Parents for Upward Progress (STEP-UP) | 84.365 | T365Z170233 | | 221,274 |
| Project SEMILLA (Supporting Educators, Math Instructors, and Language Learners for Advancement) | 84.365 | T365Z210171 | | 430,903 |
| Promoting English Learners Academic Achievement and Cultivating Educational Equity through Professional Development | 84.365 | T365Z220111 Act 1 | | 115,969 |
| Subtotal for AL No. 84.365 | | | | 768,146 |
| Post-Doctoral Research Training Program in Special Education: Evidence-Base | 84.324 | R324B180004 | | 170,024 |
| Enhancing Engagement: Investigating Adaptations to Commonly Used Interventions for Elementary Students with Challenging Behavior | 84.324 | R324B210007 | | 138,253 |
| Postdoctoral Research Training in Special Education and Early Intervention | 84.324 | R324B200021 | | 138,588 |
| Subtotal for AL No. 84.324 | | | | 446,865 |
| KU LEAP: Preparing Leaders to Create Ambitious Educational Programs for Students with Severe Disabilities: Beyond De Minimis | 84.325 | H325D180015 - 19 | | 282,753 |
| Preparing Leaders to Advocate for Inclusion in Early Childhood Education (KU-PLAI-ECE) | 84.325 | H325D180080 | | 245,895 |
| Project INSTRUCT (Inclusive INterdisciplinary Supports and Training for positive, Rigorous EdUcation and Communication OuTcomes) | 84.325 | H325K200046 | | 399,061 |
| Project for Interprofessional Preparation-Early Childhood Intervention (PIP-ECI) | 84.325 | H32K200061 | | 305,983 |
| Subtotal for AL No. 84.325 | | | | 1,233,692 |
| Fulbright Hays Doctoral Dissertation Research Abroad | 84.022 | P022A220040 | | 1,850 |
| The University of Kansas KCKPS Gear Up Program | 84.334 | P334A170025 - 21 | | 2,911,955 |
| The University of Kansas CCAMPIS Program (KU-CCAMPIS) | 84.335 | P335A220008 | | 221,469 |
| Subtotal: Department of Education- Direct | | | | 8,371,546 |
| Passthrough- ARIZONA STATE UNIVERSITY | | | | |
| Preparing Productive Special Education Scholars to Lead in Evidence-based Practices in Comprehensive, Integrated, Three-tiered (Ci3T) Models of Prevention (Project EPIC) | 84.325 | ASUB0000123 4 | H325D220011 | 84,194 |

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

| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Other Programs (Continued)** | | | | |
| **Department of Education (Continued)** | | | | |
| Passthrough- GREENBUSH SOUTHEAST KANSAS EDUCATION SERVICE | | | | |
| Sunflower Summer Program | 84.425 | SRA26618 | | $ 149,029 |
| KSDE Summer Enrichment Program Sunflower Summer 2023 | 84.425 | 27704 | | 66,144 |
| Passthrough- KANSAS DEPARTMENT OF HEALTH & ENVIRONMT | | | | |
| Kansas Inservice Training System (KITS)-Infant and Toddler Expansion | 84.181 | | | 132 |
| Kansas Inservice Training System (KITS)-Infant and Toddler Expansion | 84.181 | KITS SY2021 Lindeman | | (4,497) |
| Kansas Inservice Training System (KITS) | 84.181 | TO21047 | H181A200032 | 309,227 |
| Kansas Inservice Training System (KITS)-Infant and Toddler Expansion | 84.181 | 22080 | | 227,556 |
| Tiny K - Infant Toddler Assistive Technology Services | 84.181 | TO21048 | H181A200032 | 20,508 |
| tiny-k Infant Toddler Assistive Technology Services | 84.181 | 22079 | H101A200032 | 11,772 |
| KITS Summer Institute | 84.181 | TO 23068, contract 48567 UKCR | Special Education-Grants for Infants and Families | 14,934 |
| Passthrough- KANSAS STATE UNIVERSITY | | | | |
| RESPETAME: Reimagining Educational Systems by Practicing Equity and Translanguaging and Accessing Multiliterate Experiences | 84.365 | A23-0230-S001 | T365Z220089 | 6,466 |
| Passthrough- MISSOURI DEPARTMENT - ELEMENTARY/SECONDARY ED | | | | |
| Missouri Post-Secondary Success Project/ Social-Emotional Learning for All | 84.027 | 24953 | | 20,465 |
| FY2023: Social-Emotional Learning for All | 84.027 | | Special Education Grants to States | 280,121 |
| Missouri Post-Secondary Success Project/ Social-Emotional Learning for All | 84.027 | | | 36 |
| Pathways for Instructionally Embedded Assessment (PIE) project | 84.368 | | | 88,236 |
| Passthrough- NEWMAN UNIVERSITY | | | | |
| Navigating the University Experience | 84.031 | 27177 | P031A220143 | 7,261 |
| Passthrough- STANFORD UNIVERSITY | | | | |
| Leadership in Research and Teacher Preparation for System-wide Inclusive Education | 84.325 | 62307368-154936 | H325D190042 | 263,263 |
| Passthrough- UNIVERSITY OF NORTH CAROLINA CHARLOTTE | | | | |
| National Technical Assistance Center on Transition for Students and Youth with Disabilities | 84.326 | 20210128-05-UKS | H326E200003 | 319,149 |
| National Technical Assistance Center on Transition for Students and Youth with Disabilities | 84.326 | 20210128-06-UKS | H326E200003-22 | 5,116 |
| Passthrough- UNIVERSITY OF OREGON | | | | |
| Technical Assistance Center on Positive Behavioral Intervention and Supports V | 84.326 | 282070J | H326S180001 | 57,880 |

(Continued)

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

| Federal Grantor/Program Title | Assistance Listing Number | Identifying Number | Pass-through Entity Identifying Number | Federal Expenditures |
|---|---|---|---|---|
| **Other Programs (Continued)** | | | | |
| **Department of Education (Continued)** | | | | |
| Passthrough- USD 500, KANSAS CITY | | | | |
| The Arts Infusion Project: Professional | 84.351 | 19263 | | $ 283 |
| The Arts Infusion Project: Evaluation | 84.351 | 19265 | S425D210002 | 940 |
| Passthrough- WICHITA STATE UNIVERSITY | | | | |
| WSU WEST WICHITA GEAR UP | 84.334 | 21-00978 | P334A170139 | 39,452 |
| WSU Southeast Wichita GEAR UP Project Evaluation | 84.334 | 22-00374-SEWGU | | 13,696 |
| WSU Southeast Wichita GEAR UP Project Evaluation | 84.334 | 23-00387 SEWGU | | 24,921 |
| Subtotal: Department of Education- Passthrough | | | | 2,006,284 |
| **Total: Department of Education** | | | | **10,377,830** |
| **Department of Homeland Security** | | | | |
| Direct | | | | |
| State Fire Training Systems Grant - 2020 | 97.043 | EMW-2020-GR-00236-S01 | | 5,980 |
| State Fire Training Systems Grant FY22 | 97.043 | EMW-2021-GR-00188-S01 | | 19,348 |
| State Fire Training Systems Grant FY23 | 97.043 | EMW-2022-GR-00174-S01 | | 19,298 |
| Subtotal: Department of Homeland Security- Direct | | | | 44,626 |
| Passthrough- KANASAS DEPARTMENT OF | | | | |
| Kansas Base Flood Elevation Portal | 97.045 | | | 26,897 |
| Subtotal: Director of National Intelligence- Passthrough | | | | 26,897 |
| **Total: Department of Homeland Security** | | | | **71,523** |
| **Office of the Director of National Intelligence** | | | | |
| Passthrough- INTELLIGENCE COMMUNITY CENTER FOR ACADEMIC EXCELLENCE | | | | |
| Kansas Coalition Intelligence Community Centers for Academic Excellence (KC-IC CAE) | 54.000 | 2022-22082500003 | | 71,287 |
| Subtotal: Office of the Director of National Intelligence - Passthrough | | | | 71,287 |
| **Total: Office of the Director of National Intelligence** | | | | **71,287** |
| **Department of Energy** | | | | |
| Direct | | | | |
| Solar Decathlon 2023 Build Challenge | 81.041 | | | 42,054 |
| Subtotal: Department of Energy-Direct | | | | 42,054 |
| **Total: Department of Energy** | | | | **42,054** |
| **Environmental Protection Agency** | | | | |
| Passthrough- KANSAS DEPARTMENT OF HEALTH & ENVIRONMT | | | | |
| Expansion of UIC submittals to KOLAR website | 66.608 | 23029 | | 18,249 |
| Subtotal: Director of National Intelligence- Passthrough | | | | 18,249 |
| **Total: Environmental Protection Agency** | | | | **18,249** |
| **Total Other Programs** | | | | **17,501,433** |
| **TOTAL EXPENDITURES OF FEDERAL AWARDS** | | | | **$ 135,308,864** |

(Continued)

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

| Program | Assistance Listing Number | Amount Provided |
|---|---|---|
| Research & Development Cluster | Various | $ 13,687,047 |
| Idaho Safe Schools, Safe Students | 16.839 | 102,073 |
| Study of the U. S. Institutes for Student Leaders on Womens Leadership | 19.009 | 97,255 |
| Study of the U.S. Institutes for Young Women Leaders: Elevating Womens Global Leadership | 19.009 | 340,198 |
| Natural History Mystery: Immersing families in a problem-solving game using museum collections | 45.301 | 252 |
| Kansas Coalition Intelligence Community Centers for Academic Excellence (KC-IC CAE) | 54.000 | 10,878 |
| Tiny K - Infant Toddler Assistive Technology Services | 84.181 | 9,605 |
| The University of Kansas CCAMPIS Program (KU-CCAMPIS) | 84.335 | 90,403 |
| Kansas Serves Native American Families - KSNAF | 93.087 | 103,858 |
| Kansas State Plan for Assistive Technology | 93.464 | 84,522 |
| Kansas State Plan for Assistive Technology 2021-2023 | 93.464 | 95,581 |
| Kansas Invests in Families (KInvest) | 93.556 | 78,871 |
| Universal Prevention for Strong and Thriving Families (Family Strong) | 93.648 | 153,161 |
| Kansas Strong for Children and Families (Kansas Strong) | 93.652 | 64,447 |
| Assistive Technology for Kansans | 93.778 | 69,423 |
| Medicaid Equipment Exchange | 93.778 | 133,667 |
| University of Kansas IC Center for Academic Excellence (KU-ICCAE) | 12.598 | 2,567 |
| NRT-HDR: The Internet of Catalysis - Harnessing Data Science for Catalyst Design | 47.076 | 45,448 |
| Heartland College Assistance Migrant Program (HCAMP) | 84.149 | 61,216 |
| The University of Kansas Child Care Access Means Parents in School Program (KU-CCAMPIS) | 84.335 | 133,933 |
| Project SEMILLA (Supporting Educators, Math Instructors, and Language Learners for Advancement) | 84.365 | 61,202 |
| Supporting Technology, Educators, and Parents for Upward Progress (STEP-UP) | 84.365 | 41,577 |
| Kansas Self-Determined Transition Taskforce: Moving Forward To Enhance Transition Outcomes | 93.632 | 18,617 |
| Kansas University Center on Developmental Disabilities (KUCDD) | 93.632 | 51,696 |
| Kansas University Center on Developmental Disabilities: 2022-2027 | 93.632 | 45,040 |
| KU Post Baccalaureate Research Education Program (PREP) | 93.859 | 15,123 |
| University of Kansas/Haskell Indian Nations University IRACDA Project | 93.859 | 22,378 |
| | | $ 15,620,037 |

## NOTE 1 - ORGANIZATION

The University of Kansas Center for Research, Inc. (the Center) is the recipient of several federal grants. The accompanying schedule of expenditures of federal awards presents the activity of all federal awards programs of the Center for the year ended June 30, 2023. All federal awards received directly from federal agencies, as well as federal awards passed through other government agencies, are included on the schedule.

## NOTE 2 - BASIS OF PRESENTATION

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

## NOTE 3 - COST SHARE

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

## NOTE 4 - ADDITIONAL AUDITS

Grantor agencies reserve the right to conduct additional audits of the Center's grant programs for economy and efficiency and program results which may result in disallowed costs to the Center. However, management does not believe such audits would result in any disallowed costs that would be material to the Center's financial position at June 30, 2023.

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

| Department | AL Number | | Amount |
|---|---|---|---|
| U.S. Department of Agriculture | 10.025 | $ | 27,882 |
| | 10.250 | | 23,178 |
| | 10.310 | | 667,128 |
| | 10.331 | | 5,886 |
| | 10.580 | | 133,630 |
| | 10.699 | | 5,032 |
| | 10.902 | | 77,900 |
| | | | 940,636 |

(Continued)

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

| Department | AL Number | Amount |
|---|---|---|
| U.S. Department of Commerce | 11.303 | $ 164,648 |
| | 11.307 | 74,406 |
| | 11.417 | 3,293 |
| | 11.432 | 21,895 |
| | 11.459 | 13,707 |
| | 11.462 | (170) |
| | 11.609 | 21,521 |
| | 11.619 | 1,082 |
| | | 300,382 |
| U.S. Department of Defense | 12.000 | 3,682,829 |
| | 12.006 | 195,910 |
| | 12.300 | 222,853 |
| | 12.357 | 1,085,731 |
| | 12.420 | 397,747 |
| | 12.431 | 168,683 |
| | 12.579 | (116) |
| | 12.598 | 70,984 |
| | 12.630 | 248,979 |
| | 12.800 | 740,559 |
| | 12.900 | 7,851 |
| | 12.901 | 111,108 |
| | 12.903 | 1,748 |
| | | 6,934,866 |
| U.S. Department of Education | 84.015 | 1,950,065 |
| | 84.022 | 48,712 |
| | 84.027 | 327,667 |
| | 84.031 | 7,261 |
| | 84.042 | 584,151 |
| | 84.044 | 488,132 |
| | 84.047 | 1,621,349 |
| | 84.066 | 578,500 |
| | 84.103 | 178,047 |
| | 84.116 | 5,049,881 |
| | 84.149 | 310,336 |
| | 84.181 | 579,632 |
| | 84.217 | 342,038 |
| | 84.229 | 49,770 |

(Continued)

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

| Department | AL Number | Amount |
|---|---|---|
| U.S. Department of Education (Continued) | 84.305 | $ 560,980 |
| | 84.323 | 62,470 |
| | 84.324 | 6,309,159 |
| | 84.325 | 1,816,628 |
| | 84.326 | 1,078,452 |
| | 84.327 | 2,403,367 |
| | 84.334 | 3,143,749 |
| | 84.335 | 371,826 |
| | 84.351 | 288,344 |
| | 84.356 | 380,412 |
| | 84.365 | 774,612 |
| | 84.368 | 369,240 |
| | 84.371 | 8,710 |
| | 84.411 | 1,616,509 |
| | 84.425 | 269,531 |
| | | 31,569,530 |
| U.S. Department of Energy | 81.000 | 1,448,293 |
| | 81.041 | 42,054 |
| | 81.049 | 2,130,383 |
| | 81.086 | 159,326 |
| | 81.087 | 344,776 |
| | 81.089 | 1,793,972 |
| | 81.135 | 161,208 |
| | | 6,080,012 |
| U.S. Department of Health and Human Services | 93.000 | 868,140 |
| | 93.070 | 3,110 |
| | 93.077 | (4) |
| | 93.086 | 181,047 |
| | 93.087 | 310,696 |
| | 93.088 | 40,285 |
| | 93.103 | 155,891 |
| | 93.110 | 961,641 |
| | 93.113 | 206,965 |
| | 93.121 | 332,482 |
| | 93.129 | 20,507 |
| | 93.135 | 24,942 |

(Continued)

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

| Department | ALN Number | Amount |
|---|---|---|
| U.S. Department of Health and Human Services (Continued) | 93.136 | $ 1,247,836 |
| | 93.137 | 18 |
| | 93.173 | 1,597,137 |
| | 93.184 | 9,145 |
| | 93.224 | 27,101 |
| | 93.226 | 139,926 |
| | 93.242 | 1,104,552 |
| | 93.243 | 295,888 |
| | 93.268 | 853 |
| | 93.273 | 639,036 |
| | 93.279 | 370,718 |
| | 93.283 | 2,356 |
| | 93.286 | 1,536,731 |
| | 93.310 | 550,673 |
| | 93.323 | 39,589 |
| | 93.325 | 1 |
| | 93.350 | 119,973 |
| | 93.351 | 111,611 |
| | 93.361 | 44,740 |
| | 93.387 | 5,748 |
| | 93.391 | 31,905 |
| | 93.393 | 25,816 |
| | 93.394 | 928,718 |
| | 93.395 | 371,676 |
| | 93.397 | 154,109 |
| | 93.433 | 798,397 |
| | 93.434 | 3,375,355 |
| | 93.464 | 543,387 |
| | 93.505 | (169) |
| | 93.556 | 351,872 |
| | 93.558 | 325,445 |
| | 93.575 | 1,349,846 |
| | 93.590 | 557,371 |
| | 93.600 | 89,512 |
| | 93.630 | 29,736 |
| | 93.631 | 633,784 |
| | 93.632 | 794,473 |
| | 93.648 | 679,639 |
| | 93.652 | 1,910,197 |
| | 93.654 | 120,069 |
| | 93.658 | 1,129,504 |
| | 93.670 | 42,146 |
| | 93.696 | 110,343 |

(Continued)

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

| Department | AL Number | | Amount |
|---|---|---|---|
| U.S. Department of Health and Human Services (Continued) | 93.732 | $ | 649,813 |
| | 93.768 | | (178) |
| | 93.775 | | 5 |
| | 93.778 | | 382,071 |
| | 93.788 | | 25,045 |
| | 93.793 | | 78 |
| | 93.829 | | 116,971 |
| | 93.837 | | 843 |
| | 93.838 | | 23,516 |
| | 93.839 | | 24,077 |
| | 93.846 | | 3,067 |
| | 93.847 | | 513,136 |
| | 93.853 | | 1,621,534 |
| | 93.855 | | 1,667,788 |
| | 93.859 | | 9,792,193 |
| | 93.865 | | 1,860,313 |
| | 93.866 | | 4,647,197 |
| | 93.867 | | 234,090 |
| | 93.870 | | 1,151,069 |
| | 93.877 | | 220,112 |
| | 93.910 | | 3,391 |
| | 93.926 | | 152 |
| | 93.991 | | 36,831 |
| | 93.994 | | 629,531 |
| | | | 48,905,117 |
| U.S. Department of Justice | 16.000 | | 49,813 |
| | 16.560 | | (981) |
| | 16.603 | | 1,304 |
| | 16.710 | | 68,074 |
| | 16.753 | | 136,652 |
| | 16.839 | | 161,524 |
| | | | 416,386 |
| U.S. Department of Transportation | 20.000 | | 88,764 |
| | 20.106 | | 71,178 |
| | 20.108 | | (52) |
| | 20.109 | | 1,235,048 |
| | 20.200 | | 217,994 |
| | 20.205 | | 172,343 |

(Continued)

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

| Department | AL Number | | Amount |
|---|---|---|---|
| U.S. Department of Transportation (Continued) | 20.215 | $ | 712,051 |
| | 20.509 | | 248,766 |
| | 20.600 | | 158,705 |
| | 20.616 | | 261,717 |
| | 20.701 | | 428,169 |
| | 20.703 | | 22,328 |
| | | | 3,617,011 |
| U.S. Department of the Interior | 15.000 | | 67 |
| | 15.073 | | 75,327 |
| | 15.224 | | 8,751 |
| | 15.512 | | 49,944 |
| | 15.514 | | 18,145 |
| | 15.557 | | 36,485 |
| | 15.608 | | 1,963 |
| | 15.611 | | 142,874 |
| | 15.634 | | 666 |
| | 15.654 | | 614 |
| | 15.805 | | 78,913 |
| | 15.808 | | 89,154 |
| | 15.810 | | 353,749 |
| | 15.814 | | 148,971 |
| | 15.815 | | 36,958 |
| | 15.904 | | 3,076 |
| | 15.980 | | 103,338 |
| | | | 1,148,995 |
| U.S. Department of the Treasury | 21.000 | | 12,091 |
| | 21.009 | | 81,665 |
| | 21.027 | | 798,229 |
| | | | 891,985 |
| Institute of Museum and Library Services | 45.000 | | 9,825 |
| | 45.024 | | 72,417 |
| | 45.025 | | 21,526 |
| | 45.129 | | 3,723 |
| | 45.130 | | 999,873 |

(Continued)

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

| Department | AL Number | Amount |
|---|---|---|
| Institute of Museum and Library Services (Continued) | 45.149 | $ 382,604 |
| | 45.160 | 9,883 |
| | 45.162 | 24,803 |
| | 45.163 | 1,675 |
| | 45.164 | 220,110 |
| | 45.169 | 159,363 |
| | 45.301 | 190,961 |
| | 45.312 | 14,889 |
| | | 2,111,652 |
| National Aeronautics and Space Administration | 43.000 | 402,308 |
| | 43.001 | 1,496,929 |
| | 43.008 | 295,972 |
| | 43.012 | 71,742 |
| | | 2,266,951 |
| National Science Foundation | 47.000 | 247,819 |
| | 47.041 | 2,006,012 |
| | 47.049 | 3,152,702 |
| | 47.050 | 1,976,942 |
| | 47.070 | 2,560,670 |
| | 47.074 | 4,337,316 |
| | 47.075 | 1,178,886 |
| | 47.076 | 1,499,419 |
| | 47.078 | 1,048,210 |
| | 47.083 | 9,499,312 |
| | 47.084 | 370,369 |
| | | 27,877,657 |
| Corporation for National and Community Service | 94.006 | 38,101 |
| Department of State | 19.000 | 267,571 |
| | 19.009 | 1,244,469 |
| | 19.010 | 2,118 |
| | 19.408 | 293,189 |
| | | 1,807,347 |

(Continued)

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

| Department | AL Number | | Amount |
|---|---|---|---|
| Environmental Protection Agency | 66.608 | $ | 18,249 |
| Federal Communications Commission | 32.000 | | 125,478 |
| Office of the Director of National Intelligence | 54.000 | | 71,287 |
| Small Business Administration | 59.037 | | 115,695 |
| U.S. Department of Homeland Security | 97.043 | | 44,626 |
| | 97.045 | | 26,897 |
| | | | 71,523 |
| **TOTAL** | | $ | **135,308,864** |

Crowe LLP
Independent Member Crowe Global

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

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

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the University of Kansas Center for Research, Inc. (the Center), a component unit of the University of Kansas, which comprise the statement of financial position as of June 30, 2023, and the related statements of activities, and cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated September 28, 2023.

**Report on Internal Control Over Financial Reporting**

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

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

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

(Continued)

**Report on Compliance and Other Matters**

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

**Purpose of this Report**

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

Crowe LLP

Crowe LLP

Indianapolis, Indiana
September 28, 2023

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

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

## Report on Compliance for Major Federal Program

### *Opinion on Major Federal Program*

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

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

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

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States (*Government Auditing Standards*); and the audit requirements of Title 2 U.S. *Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditor's Responsibilities for the Audit of Compliance section of our report.

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

### *Responsibilities of Management for Compliance*

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

(Continued)

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

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

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

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the Center's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the Center's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of the Center's internal control over compliance. Accordingly, no such opinion is expressed.

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

**Report on Internal Control Over Compliance**

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

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

(Continued)

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

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

Crowe LLP

Crowe LLP

Indianapolis, Indiana
September 28, 2023

UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
For the year ended June 30, 2023

***Financial Statements***

| | | |
|---|---|---|
| Type of auditor's report issued: | Unmodified | |
| Internal control over financial reporting: | | |
| Material weakness(es) identified? | ____Yes | _X_ No |
| Significant deficiencies identified not considered to be material weaknesses? | ____Yes | _X_ None Reported |
| Noncompliance material to financial statements noted? | ____Yes | _X_ No |

***Federal Awards***

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

Identification of major programs:

| AL Number(s) | Name of Federal Program or Cluster |
|---|---|
| Various | Research and Development Cluster |

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

Auditee qualified as low-risk auditee? _X_ Yes ____ No

**SECTION 2 – FINANCIAL STATEMENT FINDINGS**

None

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

None

KU CENTER FOR RESEARCH, INC.
The University of Kansas

# Board of Trustees

## Current board of trustees

Chancellor: Douglas A. Girod
Provost: Barbara Bichelmeyer
Chief Financial Officer & Executive Vice Chancellor for Finance: Jeff DeWitt
Interim Vice Chancellor for Research: Belinda Sturm
Vice Provost for Finance: Jason Hornberger

# Alicia Cuttle

Implementation Consultant

## EXPERTISE

As a project manager, Alicia Cuttle has primary responsibility to support consortium partners in implementation of the Dynamic Learning Maps (DLM) alternate assessment. She works directly with state education agency personnel to identify annual scope of work, monitor deliverables and timelines, evaluate and mitigate risk, deliver training and facilitate communication. Ms. Cuttle has extensive alternate assessment experience including project management, technical assistance, developing training and administration manuals, scoring and reporting. She has facilitated new consortium partner onboarding, gathering requirements, and working to understand a state's unique needs.

Ms. Cuttle coordinates consortium partner contract management, annual contract renewals, and proposal development across the entire DLM Consortium.

Ms. Cuttle has over 20 years of cross-functional K12 educational assessment program experience, including successful implementation of new assessment programs resulting in improved student engagement and testing experiences. She has worked extensively with in-state networks to provide training and technical support for effective administration and assessment practice. Having worked directly with assessment coordinators and teachers in a number of states, she understands the unique needs of teachers and students preparing for academic testing.

## EXPERIENCE

**Project Manager** — 2020–Present
Dynamic Learning Maps® (DLM®) Alternate Assessment Consortium, University of Kansas

**Director** — 2017–2018
Client Services Special Education, Measured Progress

**Assistant Director** — 2015–2017
Client Services Special Education, Measured Progress

**Program Manager I, II, III** — 2004–2015
Client Services Special Education, Measured Progress

**Program Assistant II** — 2002–2004
Client Services Special Education, Measured Progress

## EDUCATION

**M.S. Area Organizational Leadership** — 2012
University of Southern New Hampshire

**B.S. Marine Biology** — 1988
Roger Williams University

## CERTIFICATIONS

**Project Management Professional (PMP) Certification** — 2016

# Meagan Karvonen

Director, Accessible Teaching, Learning, and Assessment Systems (ATLAS)

## EXPERTISE

Dr. Meagan Karvonen is the director of Accessible Teaching, Learning, and Assessment Systems (ATLAS) and has ultimate responsibility for oversight of all projects within ATLAS, including the Dynamic Learning Maps® (DLM®) Alternate Assessment System, the Kansas Assessment Program (KAP), Kansas English Language Proficiency Assessment (KELPA), and multiple grant-funded projects. She has nearly 20 years of experience in large-scale assessments for students with disabilities and alternate assessments for students with the most significant cognitive disabilities. Dr. Karvonen has more than 20 years of experience managing state- and federally-funded projects and has served as the principal investigator or co-principal investigator on projects totaling more than $60 million. She has coauthored more than 200 articles, book chapters, technical reports, and presentations for a range of audiences.

Dr. Karvonen began conducting research on alternate assessments in 2000 as an evaluator for a federally-funded model demonstration project designed to help teachers improve the quality of alternate assessments. Before joining the Dynamic Learning Maps project, Dr. Karvonen partnered with more than 12 states on their operational alternate assessments, conducting studies on topics ranging from alignment to standard setting to participation criteria. She is especially interested in validity research and the implications of policy for students with significant cognitive disabilities and their teachers.

## EXPERIENCE

**Director** — **2017–Present**
Accessible Teaching, Learning, and Assessment Systems (ATLAS), University of Kansas

**Associate Director** — **2013–2017**
Center for Educational Testing and Evaluation, University of Kansas

**Associate Professor of Educational Research** — **2009–2013**
Western Carolina University

**Assistant Professor of Educational Research** — **2004–2009**
Western Carolina University

## EDUCATION

**Ph.D Educational Psychology and Research** — **2004**
University of South Carolina

**M.A. Clinical and Community Psychology** — **1996**
University of North Carolina

**Psychology** — **1993**
Alma College

## PUBLICATIONS

### Books and Book Chapters

Wakeman, S. Y., Karvonen, M., Flowers, C., & Ruhter, L. (in press). Alternate assessments and monitoring student progress in inclusive classrooms. In J. McLeskey, F. Spooner, B. Algozzine, & N. L. Waldron, (Eds.), Handbook of research and practice for inclusive schools. Routledge.

Wakeman, S. L., Karvonen, M., Kearns, J., & Stoehr, M. (2021). Using multiple sources of information to develop a comprehensive understanding of a student's strengths and needs. In R. Pennington, M. Ault, G. Courtade, M. Jameson, & A. Ruppar (Eds.), High leverage practices: Ensuring access for students with extensive support needs. (pp. 51–66). Taylor & Francis.

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### Journal Articles

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Clark, A. K., & Karvonen, M. (2020). Constructing and evaluating a validation argument for a next-generation alternate assessment. Educational Assessment, 25(1), 47–64. https://doi.org/10.1080/10627197.2019.1702463

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**Manuscripts Under Review**

Ruhter, L., & Karvonen, M. (2021). The impact of professional development on teachers' use of data-based decision making for students with significant cognitive disabilities [Manuscript submitted for publication].

Karvonen, M., Swinburne Romine, R., & Clark, A. K. (2020). Response process evidence for academic assessments of students with significant cognitive disabilities [Manuscript submitted for publication].

Nehler, C., Clark, A.K., Karvonen, M., Wells-Moreaux, S., & Burnes, J. (2019). *Approaches to instruction and assessment for students with significant cognitive disabilities who are English learners*. [Manuscript submitted for publication.]

**Technical Reports, White Papers, and Other Non-Peer Reviewed Publications**

Winter, P., Karvonen, M., d'Brot, J., Hoover, J., & Warren, S. (In press). *Measuring and reporting academic growth for students with significant cognitive disabilities in state accountability systems*. Council of Chief State School Officers.

Clark, A. K., Thompson, J. W., Kobrin, J., Kavitsky, E., & Karvonen, M. (2021). *The impact of COVID-19: Validity considerations and scoring and reporting in flexible scenarios* (Project Brief 21-01). The University of Kansas, Accessible Teaching, learning, and Assessment Systems.

Karvonen, M., Kavitsky, E., Burnes, J., & Clark, A. K. (2021). *Supporting pursuit of postsecondary opportunities: Instructionally embedded model* (Research Synopsis 21-01). The University of Kansas, Accessible Teaching, learning, and Assessment Systems.

Karvonen, M., Burnes, J. J., Clark, A. K., & Kavitsky, L. (2020). *Aligned academic achievement standards to support pursuit of postsecondary opportunities: Instructionally embedded model* (Technical Report No. 20-02). The University of Kansas, Accessible Teaching, Learning, and Assessment Systems. https://tinyurl.com/dlm-pso-ie

Clark, A., Thompson, W. J., Schuster, J., & Karvonen, M. (2019, June). *Instructional embedded assessment: Patterns of use and outcomes* (Technical Report No. 19-01). Lawrence, KS: the University of Kansas, Accessible Teaching, Learning, and Assessment Systems (ATLAS).

Swinburne Romine, R., Andersen, L., Schuster, J., & Karvonen, M. (2018). *Developing and evaluating learning map models in science: Evidence from the I-SMART project*. Lawrence, KS: the University of Kansas, Accessible Teaching, Learning, and Assessment Systems (ATLAS). https://ismart.works/resources

Pan, Q., & Karvonen, M. (2018). Accessibility of assessment. In B. B. Fry (Ed.), *The SAGE encyclopedia of educational research, measurement, and evaluation* (pp. 16–19). Thousand Oaks, CA: Sage Publications. https://dx.doi.org/10.4135/9781506326139

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Clark, A., Karvonen, M., & Wells Moreaux, S. (2016). *Summary of results from the 2014 and 2015 field test administrations of the Dynamic Learning Maps® Alternate Assessment System* (Technical Report No. 15-04). Lawrence, KS: the University of Kansas, Center for Educational Testing and Evaluation.

Nash, B., Clark, A. K., & Karvonen, M. (2016). *First contact: A census report on the characteristics of students eligible to take alternate assessments* (Technical Report No. 16-01). Lawrence, KS: the University of Kansas, Center for Educational Testing and Evaluation.

Nash, B., Clark, A., Karvonen, M., & Brussow, J. (2016). *2016 standard setting: Science* (Technical Report No. 16-03). Lawrence, KS: the University of Kansas, Center for Educational Testing and Evaluation.

Clark, A., Swinburne Romine, R., Bell, B., & Karvonen, M. (2015). *Results from external review during the 2014–2015 academic year* (Technical Report No. 15-01). Lawrence, KS: the University of Kansas, Center for Educational Testing and Evaluation.

Karvonen, M., Clark, A., & Nash, B. (2015). *2015 integrated model standard setting: English language arts and mathematics* (Technical Report No. 15-02). Lawrence, KS: the University of Kansas, Center for Educational Testing and Evaluation.

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Karvonen, M. (2012). *Persistently low-achieving students with disabilities: Teacher and administrator perspectives on learner characteristics and instructional strategies*. Technical report prepared for the South Carolina Department of Education, Columbia, SC.

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Shriner, J., & Karvonen, M. R. (2012). *IEP professional development modules*. [Six professional development modules distributed statewide in South Carolina via DVD and streaming server. Resource materials including suggested readings, self-quizzes, and case study.]

Karvonen, M., Rao, V., & Morgan, G. (2011). *Evidence of curricular and instructional priorities for students who are potentially eligible for AA-MAS: Final report*. Cullowhee, NC and Columbia, SC: Western Carolina University and University of South Carolina Office of Program Evaluation.

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Karvonen, M., Wakeman, S. Y., Browder, D. M., Rogers, M. A. S., & Flowers, C. (2011). *Academic curriculum for students with significant cognitive disabilities: Special education teacher perspectives a decade after IDEA 1997*. Retrieved from ERIC database. (ED521407)

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Karvonen, M., & Flowers, C. (2010). *Multi-Trait Multi-Method (MTMM) analysis of PAWS-ALT data*. Cullowhee, NC: Western Carolina University.

Wakeman, S., & Karvonen, M. (2010). *Resource guide on the use of scores from alternate assessments based on alternate achievement standards*. Washington, DC: Council of Chief State School Officers.

Wakeman, S., Karvonen, M., & Flowers, C. (2010). *Montana Comprehensive Assessment System Criterion-Referenced Test Alternate Assessment (CRT-Alternate) alignment report*. Charlotte, NC: Praxis Research.

## PRESENTATIONS

Koebley, S., Karvonen, M., & Heineke, H., (2022, February 1–4). *Supporting trainers in the design and delivery of quality professional development for teachers of students with significant cognitive disabilities* [Conference session]. Exceptional Children Annual Convention and Expo, Virtual.

Ruhter, L., & Karvonen, M. (2021, July 30). *UDL in large-scale assessment: Facilitating innovative, engaging assessments for all*. Seventh Annual CAST UDL Symposium [virtual].

D'Brot, J., Forbes, S., Karvonen, M., Gooley, T., Neal, A.-M., Warren, S., & Winter, P. (2021, June 23). *Including students with significant cognitive disabilities in alternate assessment growth models: Exploring considerations for state frameworks*. Presentation at the 2021 CCSSO National Conference on Student Assessment [virtual].

Karvonen, M. (2021, June 22). Validity studies: Postsecondary readiness and opportunity to learn. In M. Gholson [Moderator], *Advances in validity evidence for alternate assessments*. Presentation at the 2021 CCSSO National Conference on Student Assessment [virtual].

Karvonen, M., Clark, A. K., Kavitsky, E., & Burnes, J. (2021, June 22). *Alternate academic achievement standards to support readiness for postsecondary opportunities: Expanding opportunities for students with significant intellectual disability*. Poster presented at the annual meeting of the American Association on Intellectual and Developmental Disabilities [virtual].

Karvonen, M., & Ruhter, L. (2021, April 6). *Accessibility for next generation science assessments: Including all students*. Presentation at the 2021 annual conference of the Council of State Science Supervisors [virtual].

Ruhter, L., Koebley, S., & Karvonen, M. (2021, March). *Towards effective science teaching and learning for students with significant cognitive disabilities*. Poster presented at CEC Learning Interactive Virtual Event (CEC L.I.V.E.).

Karvonen, M., (2020, October 21). *Opportunity to learn (OTL) data for students with the most significant cognitive disabilities*. Presentation to the Technical Issues in Large-Scale Assessment SCASS [virtual].

Ruhter, L., Koebley, S., & Karvonen, M. (2020, August). *Science for all: Integrating UDL with inquiry-based instruction*. Poster presented at the 2020 CAST UDL Symposium.

Karvonen, M. (2020, July 15). *Dynamic Learning Maps approach to aligned academic achievement standards in support of postsecondary opportunities*. Presentation in the National Center on Educational Outcomes webinar, *Meeting ESSA and WIOA Requirements: Alternate Assessments and Inclusion of All Students*. https://nceo.umn.edu/docs/Presentations/NCEO_WIOA.pdf

Karvonen, M., Forbes, S., Clark, A. K., Jacobson, I., Gholson, M., Weigert, S. (2019, June). *Measuring college and career readiness: How do we know if our alternate academic achievement standards are challenging and aligned?* Presentation at the meeting of the National Conference on Student Assessment, Orlando, FL.

Karvonen, M. (2019, June). *Dynamic Learning Maps® First Contact survey and its uses*. Presentation to the State Collaborative on Assessment and Student Standards, Orlando, FL.

Karvonen, M. (2019, June). *Using alternate assessment results to measure student progress*. Presentation to the State Collaborative on Assessment and Student Standards, Orlando, FL.

Karvonen, M., & Swinburne Romine, R. (2019, April). *Grounding the design of a large-scale alternate assessment in learning map models*. Paper presented at the annual meeting of the National Council on Measurement in Education, Toronto, Ontario, Canada.

Karvonen, M., Andersen, L., Swinburne Romine, R., & Tiemann, G. (2019, April). *Blending evidence-centered design and universal design for learning in next-generation science assessment.* Paper presented at National Council on Measurement in Education, Toronto, ON.

Nehler, C., Wells-Moreaux, S., Clark, A. K., Burnes, J., & Karvonen, M. (2019, April). *Instruction and assessment for students with significant cognitive disabilities who are English learners.* Paper presented at the annual meeting of the American Educational Research Association, Toronto, Ontario, Canada.

Karvonen, M., Clark, A. K., Swinburne Romine, R., & Kingston, N. M. (2019, April). *Development and evaluation of diagnostic score reports: Process and recommendations.* Paper presented at the annual meeting of the American Educational Research Association, Toronto, Ontario, Canada.

Clark, A. K., Nash, B., Burnes, J., & Karvonen, M. (2019, April). *Teacher assessment literacy: Implications for diagnostic assessment systems.* Paper presented at the annual meeting of the National Council on Measurement in Education, Toronto, Ontario, Canada.

Karvonen, M. & Tiemann, G.C. (2019, April). *Overview of next generation science standards-aligned learning map models and assessment design considerations.* Paper presented at the annual meeting of the National Council on Measurement in Education, Toronto, Ontario, Canada.

Karvonen, M. (2019, February). *Cognitive lab methods for alternate assessments.* Presentation to the Council of Chief State School Officers Assessing Special Education Students SCASS meeting, Los Angeles, CA.

Karvonen, M. (2018, October). *Promoting equity in classroom assessments for students with the most significant cognitive disabilities.* In L. Ketterlin-Geller (Chair), Promoting equity in classroom assessments. Invited session at the NCME Classroom Assessment Conference, Lawrence, KS.

Karvonen, M. (2018, September). *Large-scale alternate assessments based on fine-grained learning maps: Opportunities and challenges.* Presentation at the Frontiers in Educational Measurement conference, Oslo, Norway.

Clark, A. K., & Karvonen, M. (2018, June). *Identifying English learners who take DLM assessments.* In A. K. Clark, M. Gholson, J. Christmus, & P. Winter, (Chairs), What do we know about students with significant cognitive disabilities who are English learners? Session at the annual meeting of the National Conference on Student Assessment: San Diego, CA.

Karvonen, M. (2018, June). *Contextual considerations. In M. Gholson (Chair), Meeting ESSA regulation requirements and supporting students on alternate English language proficiency assessments.* Session at the annual meeting of the National Conference on Student Assessment: San Diego, CA.

Clark, A. K., Karvonen, M., Wells-Moreaux, S., & Erickson, K. (2018, April). *Characteristics and performance of students with significant cognitive disabilities who may be English learners.* Paper presented at the annual meeting of the American Educational Research Association, New York, NY.

Clark, A. K., Karvonen, M., Swinburne Romine, R., & Kingston, N. (2018, April). *Teacher use of score reports for instructional decision-making.* Paper presented at the annual meeting of the National Council on Measurement in Education: New York, NY.

Karvonen, M., Wells-Moreaux, S., & Clark, A. K. (2018, February). *Teacher choice within an instructionally embedded assessment and its implications for instruction.* Presentation at the annual meeting of the Council for Exceptional Children Convention and Expo, Tampa, FL.

Karvonen, M., Mayer, T., Winter, P., & Bechard, S. (2017, June). *Lessons learned from an integrated alternate assessment model for students with significant cognitive disabilities.* Presentation at the 2017 Council of Chief State School Officers National Conference on Student Assessment, Austin, TX.

Clark, A., Karvonen, M., Swinburne Romine, R. & Nash, B. (2017, April). *Exploring teacher choice when using an instructionally embedded alternate assessment system.* Presentation at the National Council on Measurement in Education, San Antonio, TX.

Karvonen, M., Swinburne Romine, R., Clark, A. K., Brussow, J., & Kingston, N. (2017, April). *Promoting accurate score report interpretation.* Presentation at the 2017 annual meeting of the National Council on Measurement in Education, San Antonio, TX.

Swinburne Romine, R., Schuster, J., & Karvonen, M. (2017, April). *Using learning map models with principles of evidence-centered design.* Paper presented at the annual meeting of the American Educational Research Association, San Antonio, Texas.

Karvonen, M., Burton, K., Matthews, D., Gholson, M., & Mayer, T. (2016, June). *Actionable alternate assessment score reports: Supporting instruction and high expectations for students with significant cognitive disabilities.* Presentation at the 2016 Council of Chief State School Officers National Conference on Student Assessment, Philadelphia, PA.

Whisler, K., Cortez, T., Karvonen, M., & Conrad, Z. (2016, June). *Building equitable NGSS assessment systems for all students: Comparing notes between general and alternate NGSS assessment development.* Roundtable session at the 2016 Council of Chief State School Officers National Conference on Student Assessment, Philadelphia, PA.

Karvonen, M., Clark, A. K., & Kingston, N., (2016, April). *Alternate assessment score report interpretation and use: Implications for instructional planning.* Presentation at the 2016 annual meeting of the National Council on Measurement in Education, Washington, DC.

Karvonen, M., Swinburne Romine, R., & Clark, A. K. (2016, April). *Validity evidence to support alternate assessment score uses: Fidelity and response processes.* Presentation at the 2016 annual meeting of the National Council on Measurement in Education, Washington, DC.

Karvonen, M., & Perie, M., (2016, April). *Performance assessments and classroom instruction: Dynamic Learning Maps Consortium perspective.* Presentation at the 2016 annual meeting of the National Council on Measurement in Education, Washington, DC.

Lawrence, A., Karvonen, M., Wells-Moreaux, S. (2016, April). *Accessibility supports and implications for educator decisions.* Presentation at the 2016 annual meeting of the Council for Exceptional Children, St. Louis, MO.

Karvonen, M., Burton, K., Henke, T., Gholson, M., & Keating, N. (2015, June). *Supporting implementation of the Dynamic Learning Maps alternate assessment system: States' perspectives and lessons learned.* Presentation at the 2015 Council of Chief State School Officers National Conference on Student Assessment, San Diego, CA.

Karvonen, M., Zeller, M., Thompson, J.R., (2015, June). *Advances in assessment for children and youth with Intellectual Disability.* Preconference session at the American Association on Intellectual and Developmental Disabilities (AAIDD) annual conference, Louisville, KY.

Lazarus, S., Williams, L., Karvonen, M., Gholson, M., & Wheeler, T. (2015, June). *Test security policies and procedures for alternate assessments.* Presentation at the 2015 Council of Chief State School Officers National Conference on Student Assessment, San Diego, CA.

Clark, A. K., Karvonen, M., Kingston, N., Anderson, G., & Wells-Moreaux, S. (2015, April). *Designing alternate assessment score reports that maximize instructional impact.* Paper presented at the annual meeting of the National Council on Measurement in Education, Chicago, Illinois.

Karvonen, M., Bechard, S., & Wells-Moreaux, S. (2015, April). *Accessibility considerations for students with significant cognitive disabilities who take computer-based alternate assessments.* Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.

Swinburne Romine, R., Karvonen, M. & Clark, A. K. (2015, April). *Gathering evidence of response processes for alternate assessments (AA-AAS).* Paper presented at the annual conference of the National Council for Measurement in Education, Chicago, IL.

Wells-Moreaux, S., Karvonen, M., & Kingston, N. (2015, April). *Accessibility by design: Improving alternate assessments for students with significant cognitive disabilities.* Presentation at the annual meeting of the Council for Exceptional Children, San Diego, CA.

Karvonen, M., & Erickson, K. (2015, January). *Accessibility by design: The Dynamic Learning Maps Alternate Assessment System.* Presentation at the 2015 conference of the Assistive Technology Industry Association, Orlando, FL.

Erickson, K., & Karvonen, M. (2014, July). *College and career readiness instruction and assessment for pre-intentional and pre-symbolic communicators.* Presentation at the annual conference of the U.S. Department of Education (ED) Office of Special Education Programs (OSEP) Project Directors, Washington, DC.

Kingston, N. M., Karvonen, M., & Thatcher, E. (2014, July). *Alternate assessment data in support of local decision making.* Presentation at the annual conference of the ED OSEP Project Directors, Washington, DC.

Bechard, S., Karvonen, M., Clark, A., Cagle, G., & Felix, A. (2014, June). *Computer-based testing for students with significant cognitive disabilities: Challenges and opportunities in the next generation.* Presentation at the annual National Conference on Student Assessment (NCSA), New Orleans, LA.

Kingston, N. M., Karvonen, M., & Studt, N. (2014, June). *School readiness: Lessons learned during DLM field testing.* Presentation at the annual NCSA, New Orleans, LA.

Weigert, S., Karvonen, M., Hall, S., Gholson, M., Williams, L., Cagle, G., & Wheeler, T. (2014, June). *Policies and practices in support of the transition to next generation alternate assessments based on alternate achievement standards.* Presentation at the annual NCSA, New Orleans, LA.

Karvonen, M. (2014, April). *Research, opportunities, and challenges in using technology and testing accommodations*. Panelist at the AERA Inclusion and Accommodation in Educational Assessment SIG business meeting, Philadelphia, PA.

Karvonen, M., Flowers, C., & Wakeman, S. (2014, April). *Alternate assessments based on alternate achievement standards (AA-AAS): Item features and student outcomes*. Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.

Karvonen, M., Wakeman, S., & Ahumada, A. (2014, April). *Using growth models of AA-AAS student performance within a teacher effectiveness system*. Presentation at the Council for Exceptional Children Convention and Expo, Philadelphia, PA.

Kingston, N., Erickson, E., & Karvonen, M. (2014, April). Instructionally relevant alternate assessments for students with significant cognitive disabilities. Presentation at the Council for Exceptional Children Convention and Expo, Philadelphia, PA.

Karvonen, M., Broaddus, A., & Ruhter, L. (2013, November). *Dynamic Learning Maps (DLM) and accessibility*. Preconference presentation at the Kansas State Department of Education 2013 Annual Conference, Wichita, KS.

Montrosse-Moorhead, B., & Karvonen, M. (2013, October). *Educational leaders' practices surrounding the interpretation and use of data in K-12 settings*. Poster presented at the annual conference of the American Evaluation Association, Washington, DC.

Kingston, N., Broaddus, A., Karvonen, M., Erickson, K., & Weigert, S. (2013, July). *Designing validity into an alternate assessment*. Presentation at the 2013 U.S. Department of Education Office of Special Education Programs Project Directors Meeting, Washington, DC.

Flowers, C., & Karvonen, M. (2013, June). *Growth for students with disabilities*. Lunch and learn at the 2013 Council of Chief State School Officers National Conference on Student Assessment, National Harbor, MD.

Karvonen, M., Flowers, C., Ahumada, A., Bowman, T., & Williams, L. (2013, June). *Standing in the middle of the bridge: Lessons learned about current AA-AAS and implications for the next generation of assessments*. Presentation at the 2013 Council of Chief State School Officers National Conference on Student Assessment, National Harbor, MD.

Buskey, F. C., & Karvonen, M. (2013, April). *Can we prepare ethical leaders? A cross-cohort study of principal preparation*. Roundtable discussion at the 2013 annual meeting of the American Educational Research Association.

Karvonen, M., Flowers, C., & Wakeman, S. (2013, April). *An exploration of methods for measuring academic growth for students with significant cognitive disabilities*. Paper presented at the 2013 annual meeting of the American Educational Research Association.

Von Dohlen, H., & Karvonen, M. (2013, April). *Teacher leadership behaviors and proactive influence tactics in North Carolina public schools*. Paper presented at the 2013 annual meeting of the American Educational Research Association.

Wakeman, S., Karvonen, M., & Ahumada, A. (2013, April). *Academic content for subgroups of students with significant disabilities: Tackling content gaps*. Poster presented at the 2013 annual meeting of the Council for Exceptional Children.

Barton, K., & Karvonen, M. (2012, June). *Providing a technology-driven teacher support system for differentiated instruction and individualized student learning: Evaluation results and lessons learned.* Paper presented at the 2012 Council of Chief State School Officers National Conference on Student Assessment, Minneapolis, MN.

Karvonen, M., Wakeman, S., Ahumada, A., Turner, L., Bowman, T. (2012, June). *An examination of change over time within alternate assessment items and student performance.* Paper presented at the 2012 Council of Chief State School Officers National Conference on Student Assessment, Minneapolis, MN.

Karvonen, M. (2012, March). *TRIAAD: IEP modules and focus groups.* Presentation to the South Carolina Spring Special Education Administrators Conference, Columbia, SC. Invited.

Karvonen, M., Wakeman, S., Moody, S., & Flowers, C. (2012, April). *Building blocks: Cross-grade progressions in alternate assessments based on alternate achievement standards (AA-AAS).* Paper presented at the 2012 annual meeting of the National Council on Measurement in Education, Vancouver, British Columbia.

Karvonen, M., Wakeman, S., Moody, S., & Flowers, C. (2012, April). *The impact of teachers' instructional decisions and beliefs about alternate assessments on student achievement.* Paper presented at the 2012 annual meeting of the American Educational Research Association, Vancouver, British Columbia.

Buskey, F., & Karvonen, M. (2011, April). *Using cross-cohort analysis to inform program and assessment design in educational leadership.* Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

Karvonen, M. (2011, April). *Discussant, exploring issues of scoring student performance on alternate assessments based on alternate achievement standards.* Symposium at the annual meeting of the American Educational Research Association, New Orleans, LA.

Mager, M., Heulett, S., & Karvonen, M. (2011, April). *Online discussion boards and student achievement: The impact of course design, instructor, and student variables.* Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

Buskey, F., & Karvonen, M. (2010, October). *Evaluating innovative leadership preparation: How what you want drives what (and how) you evaluate.* Paper presented at the 24th annual convention of the University Council for Educational Administration, New Orleans, LA.

Karvonen, M. (2010, February 16). *Developing standards-based IEPs that promote effective instruction.* Presentation in the AA-MAS White Paper Teleconference Series hosted by the National Center on Educational Outcomes, Minneapolis, MN.

Karvonen, M. (2010, April). *Developing standards-based IEPs that promote effective instruction.* Poster presented in structured poster session at the annual meeting of the American Educational Research Association, Denver, CO.

Karvonen, M., Almond, P., Wakeman, S., & Bechard, S. (2010, April). *A synthesis of ten alignment studies of alternate assessment systems based on alternate achievement standards (1%): Implications for assessment system design and policy.* Paper presented at the annual meeting of the National Council on Measurement in Education, Denver, CO.

Karvonen, M., Rao, V., & Morgan, G. (2010, May). *Relationships between curricular priorities, instructional practices, and state-wide assessment scores for students eligible for AA-MAS*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.

Karvonen, M., Turner, C., Flowers, C., & Herrera, B. (2010, May). *Correlates of student performance on an alternate achievement based on alternate achievement standards*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.

Ulrich, J., & Karvonen, M. (2010, April). *Faculty instructional attitudes, interest, and intention: Predictors of Web2.0 use in online courses*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.

## AWARDS

**AERA Division H Outstanding Publication Aware for Advances in Methodology** 2017
—with Nash, B., Clark, A.K., & Brussow, J.

**J.M. Robinson Award for eTeaching** 2012

**WCU Teaching-Research Award** 2008

**College of Education and Allied Professions Dean's Research Award** 2008

**Nominee, College of Education and Allied Professions Dean's Research Award** 2007

**Nominee, College of Education and Allied Professions Exemplary Service Award** 2007

**Outstanding Paper Award** 2005
NC Association for Research in Education

**Outstanding Doctoral Student Award, Department of Educational Psychology** 2002—2003
University of South Carolina

## PROFESSIONAL ACTIVITIES

**Project Advisory Committee Member** 2020–2024
Collaborative for the Alternate Assessment of English Language Proficiency Project (CAAELP)

**National Expert Consultant** 2018–Present
Alternate English Language Proficiency Assessment for California

**Consultant** 2018
Alternate English Language Learning Assessment Project, University of Wisconsin

**Member** 2015–Present
Council of Chief State School Officers (CCSSO) Students with Disabilities Assessment Advisory Task Force

## PROFESSIONAL ORGANIZATIONS

**American Educational Research Association** 2000–Present

**American Evaluation Association** 2001–2004

**Council for Exceptional Children** 2002–Present

| | |
|---|---|
| National Council for Measurement in Education | 2000–Present |
| North Carolina Association for Research in Education | 2004–2014 |
| Society for Community Research and Action | 1993–2006 |

KU CENTER FOR RESEARCH, INC.
The University of Kansas

**New Hampshire DLM**
**Key Personnel Sheet**

| Name | Annual Salary | Amount of Salary Paid by Contract |
|---|---|---|
| Meagan Karvonen, PI | $215,246 | $2,475 (1.15% FTE) |
| Alicia Cuttle, Implementation Consultant | $107,692 | $1,238 (1.15% FTE) |

# STATE OF NEW HAMPSHIRE

## DEPARTMENT OF JUSTICE
## CHARITABLE TRUSTS UNIT

## *CERTIFICATE OF REGISTRATION*

## *UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.*

## *LAWRENCE, KS*

is registered as a charitable trust with the Office of the Attorney General, Charitable Trusts Unit pursuant to Chapter 7 Section 19 of the Revised Statutes Annotated of the State of New Hampshire.

Date of Issuance: ***May 24, 2024***

Registration number: ***34812***

JOHN M. FORMELLA
ATTORNEY GENERAL

Michael R. Haley
Director of Charitable Trusts

**NOTE**: THIS CERTIFICATE OF REGISTRATION IS ISSUED TO CHARITABLE TRUSTS IN COMPLIANCE WITH RSA 7:19 RELATIVE TO REGISTRATION REQUIREMENTS. CHARITABLE TRUSTS MUST ALSO COMPLY WITH PERIODIC REPORTING REQUIREMENTS AND OTHER LAWS. CURRENT INFORMATION MAY BE OBTAINED FROM THE REGISTER.

ATTORNEY GENERAL
DEPARTMENT OF JUSTICE

1 Granite Place South
Concord, NH 03301

JOHN M. FORMELLA
ATTORNEY GENERAL

JAMES T. BOFFETTI
DEPUTY ATTORNEY GENERAL

May 24, 2024

University of Kansas Center for Research, Inc.
2385 Irving Hill Road
Lawrence, KS 66045

Dear Sir/Madam:

This letter is to inform you that your application for registration with the Charitable Trusts Unit of the New Hampshire Office of the Attorney General has been accepted. Enclosed is a Certificate of Registration. Please note the registration number on the certificate and refer to the number in future correspondence with this office.

New Hampshire law requires that registered charitable organizations and trusts also file annual reports with the Charitable Trusts Unit of the Office of the Attorney General. *See* RSA 7:28; N.H. Admin. R. Jus 402. Annual reports must be submitted on Form NHCT-12 and must be accompanied by a filing fee of $75.00. Form NHCT-12 and instructions for completing and submitting the form (either online or by mail) can be found on the forms page of our website: www.doj.nh.gov/charitable-trusts/forms.

**Your first annual report (Form NHCT-12) is due to be filed with our office on or before 11/15/2024 for fiscal year ending 6/30/2024.** Thereafter, your annual report is due to be filed 4½ months following the end of your fiscal year.

Please visit our website at www.doj.nh.gov/charitable-trusts for resources developed to assist charities in fulfilling their responsibilities under New Hampshire law. In particular, we encourage members of boards of directors of New Hampshire-based charitable organizations to carefully review our Guidebook for New Hampshire Charitable Organizations (https://www.doj.nh.gov/charitable-trusts/documents/guidebook-non-profit-organizations.pdf).

Feel free to contact our office with any questions.

Sincerely,

Deborah K. Bartol

Deborah K. Bartol
Assistant Administrator
Charitable Trusts Unit
(603) 271-7249
Deborah.K.Bartol@doj.nh.gov