

MINUTES OF THE REGULAR MEETING OF THE
BOARD OF TRUSTEES OF THE
UNIVERSITY OF LOUISVILLE

October 25, 2023

In Open Session

Members of the University of Louisville Board of Trustees met in the Jefferson Room, Grawemeyer Hall, Belknap Campus, on October 25, 2023, at 10:43 a.m., with members present and absent as follows:

Present: Ms. Mary Nixon, Chair
Mr. Jerry Abramson
Dr. Larry Benz
Dr. Raymond Burse
Mr. Al Cornish
Ms. Katie Hayden
Mr. Brian Lavin
Ms. Diane Medley
Dr. Eugene Mueller
Mr. James Rogers
Ms. Sherrill Zimmerman

Absent: Mr. Kevin Ledford
Ms. Diane Porter

From the
University: Dr. Kim Schatzel, President
Dr. Gerry Bradley, Interim Provost
Dr. Kevin Gardner, Executive Vice President for Research and Innovation
Mr. Dan Durbin, Executive Vice President for Finance and Administration
Dr. Gail DePuy, Senior Vice Provost
Ms. Angela Curry, General Counsel and Vice President for Legal Affairs
Dr. Douglas Craddock, Vice President for Community Engagement
Ms. Mary Elizabeth Miles, Vice President for Human Resources
Mr. Brent Pieper, Vice President for University Advancement
Dr. Michael Mardis, Vice President for Student Affairs, Dean of Students
Mr. Lee Gill, Vice President for Institutional Equity
Ms. Sandy Russell, Vice President for Risk, Audit, and Compliance
Mr. John Drees, Vice President for Communications & Marketing
Dr. Jeff Bumpous, Interim Vice President for Academic Medical Affairs
Mr. Rick Graycarek, Vice President for Budget and Finance
Ms. Shannon Rickett, Associate Vice President for Government Relations
Ms. Julie Dials, Associate Vice President for University Advancement
Mr. Darrell Griffiths, Assistant Vice President for Community Engagement
Ms. Beverly Santamouris, Treasurer
Dr. Cherie Dawson-Edwards, Vice Provost for Faculty Affairs

Mr. Jerry Johnson, Chief of Staff to the Executive Vice President for Finance
Ms. Amy Calabrese, Deputy Athletic Director
Mr. Marvin Mitchell, Deputy Athletic Director
Mr. Nick Bowes, Deputy Athletic Director and CFO
Ms. Michelle Comer, Director of Accounting and Reporting
Ms. Kate Roessler, Director of Planning and Assessment
Mr. Chris Wooton, Director of Internal Communications
Ms. Ivory Rollins Cross, Director of Community Engagement
Ms. Susan Jenkins, Executive Assistant to the VP for Community Engagement
Dr. Gineva Stark, Director of Nystrand Center of Excellence in Education
Mr. Gary Stewart, BOT Audit Committee Advisor
Mr. John Smith, Former Member, BOT, Retired University Staff Member
Dr. Matthew Neal, Student, Co-Founder of Immersive Hearing Technologies
Mr. Jeff Cummins, Co-Founder of Immersive Hearing Technologies
Dr. Anora Morton, Student, CEO of The Nori Project
Ms. Chelsea Smith, Academic Advisor in TRIO/Upward Bound
Ms. Ecasia Burris, Academic Advisor in TRIO
Mr. Denzel Robinson, Academic Advisor in TRIO/Upward Bound
Mr. Travis Tandy, Academic Advisor in TRIO/Upward Bound
Mr. Adrian Williams, Student
Mr. Jake Beamer, Dir. of Governance & Strategic Initiatives & Asst. Secretary

From the UofL

Foundation: Mr. Keith Sherman, Executive Director and COO

From UofL

Health: Mr. Tom Miller, CEO

Guests: Mr. Chris Suda, CLA

I. Call to Order

The Chair read the roll and having determined a quorum present, called the meeting to order at 10:43 a.m.

Conflict of Interest Affirmation

The Chair reminded all members of the board of their responsibility to avoid conflicts of interest and appearances of conflicts of interest. She stated each member has received the agenda and related information for this Board of Trustees' meeting.

Chair Nixon requested if any board member knows of any conflict of interest or appearance of conflict of interest with respect to any matter coming before the Board of Trustees at this meeting, to please identify the conflict or appearance of conflict at this time.

No conflicts were identified.

Chair Nixon recognized former trustee and newly retired Assistant Director of Intramural Sports and Campus Recreation, John Smith. She acknowledged and thanked Mr. Smith for his service on the Board of Trustees from 2018 – 2023.

The chair noted that Mr. Smith distinguished himself as a hard-working and cooperative participant in a wide range of board activities, winning the respect and esteem of his fellow trustees. Mr. Smith served as a member of the Audit, Compliance, and Risk Committee, Executive and Compensation Committee, and the Human Resources Committee. He served diligently and capably as a member of the Board of Directors of the University of Louisville Research Foundation, and as an ex-officio member of the UofL Foundation Board of Directors.

Chair Nixon remarked that Mr. Smith is one of the longest-serving staff constituency trustees at UofL.

The Board of Trustees lauded Mr. Smith with a round of applause while the Chair presented him with a service award.

Mr. Smith thanked the trustees for their admiration stating that his five-year tenure on the board was incredibly gratifying.

Consent Agenda

Chair Nixon read the consent agenda as follows:

- **Approval of Minutes, 7-13-2023**
- **Ratifications from the Executive & Compensation Committee, 9-21-2023**
 - **Revised Retirement Oversight Committee Charter**
 - **Signature Delegation**
 - **Healthcare Financial Management Graduate Certificate**
 - **Healthcare Management Graduate Certificate**
 - **Population Health Management Graduate Certificate**
 - **Personnel Matters**
 - **Endowment Match Annual Report**
 - **Patterson Stadium Renovations**
 - **Kueber Center Renovations**
- **From the Audit, Compliance, and Risk Committee, 10-25-2023**
 - **UofL Audited Financial Statements**
 - **Single Audit Report**
 - **Revised Audit Services Charter**

Ms. Zimmerman made a motion, which Mr. Cornish seconded, to approve the consent agenda as listed.

The motion passed.

II. Action Item: Approval of UMC and ULH Lease Amendments

Without objection, the Chair tabled this item.

III. Report of the President

President Schatzel introduced Provost Bradley who provided a status update on the president's goal to establish and begin implementation of a five-year undergraduate student success plan. Using the **attached** presentation, Dr. Bradley discussed the current progress and predictions of the six-year graduation rate, the pillars of the student success plan, and new retention initiatives.

The Provost also briefed trustees on the accreditation site visit of the College of Education and Human Development, congratulating Dean Amy Lingo and Vice Provost Bob Goldstein for their work in producing a successful visit by SACSCOC representatives.

President Schatzel thanked the provost for his update.

To further illustrate student success and research activities, Executive Vice President Gardner introduced Dr. Neal and Mr. Cummins who discussed with the board using the **attached** presentation their research project and business venture, Immersive Hearing Technologies.

Dr. Gardner then introduced Dr. Morton who shared her research project and business venture, The Nori Project, using the **attached** presentation.

Drs. Neal and Morton, and Mr. Cummins fielded questions from trustees, and members of the board praised their work as students at the university and as future leaders of their respective enterprises.

President Schatzel thanked the UofL entrepreneurs for sharing their successes and experiences with the members of the board.

The President then introduced Vice President Craddock who provided a status update on the president's goal to establish and begin implementation of a university-wide community engagement strategic plan.

Dr. Craddock shared the **attached** presentation with the board, which highlighted strategic priorities, institutionalization, strategic partnerships, programs and initiatives, data tracking, assessment, anchor mission, and workforce development.

After fielding questions from trustees, Dr. Craddock and his team introduced Mr. Williams, a current UofL student in the TRIO/Upward Bound program. The program is intended to increase the rate at which participants complete secondary education and enroll in and graduate from institutions of postsecondary education. Mr. Williams shared his experiences as a member of the program. Dr. Craddock noted that Mr. Williams is the first ever student to be both an MLK Scholar and a Porter Scholar to come from the TRIO/Upward Bound program.

Mr. Williams received a round of applause from trustees.

President Schatzel thanked Dr. Craddock, his team, and Mr. Williams for appearing before the board.

That concluded her report.

IV. Report of the Chair

The chair had no report.

V. Executive Session

Mr. Abramson made a motion, which Dr. Mueller seconded, to recess to executive session to discuss proposed or pending litigation and personnel matters pursuant to KRS 61.810(1)(c) and (f).

The motion passed and the open meeting recessed at 12:33 p.m.

VI. Open Meeting Reconvenes

The open meeting reconvened at 1:12 p.m. The chair reported that the board discussed proposed or pending litigation and personnel matters.

No action was taken.

VII. Adjournment

Ms. Zimmerman made a motion, which Mr. Cornish seconded, to adjourn. The motion passed and the meeting adjourned at 1:12 p.m.

Approved by:


Signature on file
Assistant Secretary

MINUTES OF THE REGULAR MEETING OF
THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF LOUISVILLE

October 25, 2023

In Executive Session

Present: Ms. Mary Nixon, Chair
Mr. Jerry Abramson
Dr. Larry Benz
Dr. Raymond Burse
Mr. Al Cornish
Ms. Katie Hayden
Mr. Brian Lavin
Ms. Diane Medley
Dr. Eugene Mueller
Mr. James Rogers
Ms. Sherrill Zimmerman

From the
University: Dr. Kim Schatzel, President
Ms. Angela Curry, General Counsel and Vice President for Legal Affairs
Mr. Jake Beamer, Dir. of Governance & Strategic Initiatives & Asst. Secretary

I. Call to Order

Chair Nixon called the executive session to order at 12:33 p.m.

II. Proposed or Pending Litigation

Ms. Curry briefed the board on proposed or pending litigation.


III. Personnel Matters

President Schatzel briefed the board on personnel matters.

IV. Adjournment

Mr. Abramson made a motion, which Ms. Zimmerman seconded, to adjourn the executive session. The motion passed, and the session adjourned at 1:11 p.m.

Approved by:



Signature on file
Assistant Secretary

RECOMMENDATION TO THE
BOARD OF TRUSTEES CONCERNING THE
RETIREMENT OVERSIGHT COMMITTEE CHARTER

Human Resources Committee – September 21, 2023
Executive and Compensation Committee – September 21, 2023

RECOMMENDATION:

The President recommends that the Board of Trustees approve a revised Retirement Oversight Committee Charter, as [attached](#).

COMMITTEE ACTION:

Passed _____

Did Not Pass _____

Other _____

____ Signature on file _____
Assistant Secretary

BOARD ACTION:

Passed _____

Did Not Pass _____

Other _____

____ Signature on file _____
Assistant Secretary

UNIVERSITY OF LOUISVILLE
RETIREMENT OVERSIGHT COMMITTEE
CHARTER

July 1, 2023

Purpose

The University of Louisville (“University”) has established this Retirement Oversight Committee (the “ROC” or the “Committee”) in order to select, monitor and modify as the Committee determines appropriate, the investment options made available under the Retirement Plans established by the University and among which the participants in the Plans may allocate their accumulated benefits in the plans.

The Committee serves as fiduciary with respect to the retirement plans sponsored and maintained by the University of Louisville and to fulfill other responsibilities as the President may assign to it from time to time. The Human Resources Committee of the Board of Trustees, in conjunction with the President, shall have oversight of the ROC. The ROC shall report to the Board of Trustees no less than annually. The plans listed on Exhibit A (the “Covered Plans”) are subject to the ROC’s oversight responsibilities as set forth in this Charter.

The Committee shall have the authority to:

- Develop and implement an investment policy that will apply to the Plans, which shall include, but not be limited, to a description of the investment goals and objectives, the procedures the Committee may follow in discharging its responsibilities, the measuring tools for ongoing performance assessment and the manner in which the activities of the Committee will be documented;
- Select, monitor and modify vendors that provide investment options under the Plans, including adding and/or removing investment providers and the negotiation of fees;
- Select monitor and modify individual investment options available under the Plans, including adding, removing, and/or suspending the availability of individual investment options;
- Engage one or more investment advisors, investment managers or consultants to assist the Committee in evaluating investment providers and/or investment options, as well as the investment information to be provided to the participants in the Plans; and

- Perform such other duties as may be required for the Plans efficient management and oversight.

The Committee will seek Board approval for any changes, outside of the ROC's defined scope, related to plan design or items of budgetary concern. Except as outlined above, the Committee shall not be responsible for any aspect of the operation and administration of the Plans. By way of example, and not limitation, the Committee's responsibilities shall not include responsibility for any aspect of financial reporting, auditing or disclosure that may apply to the Plans.

Guiding Principles

The Committee shall endeavor to oversee the plan guided by the following principles:

- Act solely in the interest of plan participants and beneficiaries with the exclusive purposes of providing benefits to such individuals
- Carry out its duties prudently
- Follow the plan documents
- Ensure that the plan operates within Federal and state laws
- Diversify plan investments
- Pay only reasonable plan expenses
- Although not subject to the provisions of ERISA, it is the intent, whenever possible, to operate plans within the provisions of ERISA

Membership

The ROC shall be comprised of five (5) Standing, voting members. Standing members of the ROC shall serve on the Committee as long as they remain in the positions identified as Standing member positions as outlined in the table below. Any persons subsequently filling these position(s) will automatically assume the former member's ROC role. Three (3) or more Standing members shall constitute a quorum at any meeting and a quorum is required to vote and take any action regarding the University's retirement plans.

In addition to the Standing Members and subject to any additional appointments made by the President, the Committee shall include ~~up to~~ at least four (4) additional Advisory non-voting members, each of whom will serve a 3- year term. The President shall ~~approve~~ review and amend the membership composition and criteria of the ROC from time to time. The Director- Total Rewards shall serve as the Chairperson of the ROC (the "Chair"). Each Advisory member of the ROC shall serve at the pleasure of the Committee and may be removed or replaced by the Committee at any time and in its sole and absolute discretion.

Standing Members	<ul style="list-style-type: none"> • Director-Total Rewards (Chair) • Chief Financial Officer • General Counsel • Vice President-Human Resources • Vice President-Risk Management, Audit & Compliance
Advisory Members (3-year terms)	<ul style="list-style-type: none"> • Up to <u>At least</u> four (4) additional members of the University <ul style="list-style-type: none"> ○ One of the four Advisory Members will be a member of the Faculty Senate ○ One of the four Advisory Members will be a member of the Staff Senate

Meetings and Procedures

The ROC shall meet as often as is required to fulfill its responsibilities as set forth in this Charter and at such times and places as the Chair shall determine. It is expected that the ROC will meet not less than once each calendar quarter to review plan fund performance and consider any changes that may be recommended by the University’s Investment Advisor. The ROC shall maintain a written record of its proceedings and shall report to the President, as requested. The Chair shall be responsible for setting the meeting agenda and documenting each meeting.

Advisors and Agents

The ROC shall engage, review, and evaluate accountants, attorneys, investment advisors, actuaries, third-party administrators and other such agents as the ROC determines is necessary or advisable for the proper, compliant and efficient administration of the retirement plans and health and welfare plans sponsored and maintained by the University. The engagement of any third-party must be in compliance with University of Louisville and State of Kentucky procurement regulations.

EXHIBIT A
to the Charter of the Retirement Oversight Committee

Retirement Plans

- University of Louisville 403(b) Retirement Plan
- University of Louisville 457(b) Plan
- University of Louisville 401(a) Executive Compensation Plan

UNIVERSITY OF LOUISVILLE
RETIREMENT OVERSIGHT COMMITTEE
CHARTER

July 1, 2023

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- Select monitor and modify individual investment options available under the Plans, including adding, removing, and/or suspending the availability of individual investment options;
- Engage one or more investment advisors, investment managers or consultants to assist the Committee in evaluating investment providers and/or investment options, as well as the investment information to be provided to the participants in the Plans; and

- Perform such other duties as may be required for the Plans efficient management and oversight.

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Standing Members	<ul style="list-style-type: none"> • Director-Total Rewards (Chair) • Chief Financial Officer • General Counsel • Vice President-Human Resources • Vice President-Risk Management, Audit & Compliance
Advisory Members (3-year terms)	<ul style="list-style-type: none"> • At least four (4) additional members of the University <ul style="list-style-type: none"> ○ One of the four Advisory Members will be a member of the Faculty Senate ○ One of the four Advisory Members will be a member of the Staff Senate

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to the Charter of the Retirement Oversight Committee

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- University of Louisville 403(b) Retirement Plan
- University of Louisville 457(b) Plan
- University of Louisville 401(a) Executive Compensation Plan

RECOMMENDATION TO THE BOARD OF TRUSTEES
CONCERNING SIGNATURE DELEGATION

Governance, Trusteeship, and Nominating Committee – September 21, 2023
Executive and Compensation Committee – September 21, 2023


RECOMMENDATION:

The President recommends that the Board of Trustees approve the following signature delegation:

Regarding any signature authority delegated to any University representative, department, or Unit from the Board of Trustees, the President as the chief administrative and educational officer of the University shall have the authority to further delegate or implement additional approval requirements as needed to maintain internal control over any and all University contracts, agreements engagement letters, memoranda of understanding, and/or any other written document seeking to legally bind the University.


COMMITTEE ACTION:

Passed X
Did Not Pass _____
Other _____


Signature on file _____
Assistant Secretary

BOARD ACTION:

Passed X
Did Not Pass _____
Other _____


Signature on file _____
Assistant Secretary

RECOMMENDATION TO THE BOARD OF TRUSTEES
CONCERNING THE CREATION OF THE
GRADUATE CERTIFICATE IN HEALTHCARE FINANCIAL MANAGEMENT

Academic & Student Affairs Committee – September 21, 2023
Executive & Compensation Committee – September 21, 2023

RECOMMENDATION:

The President recommends that the Board of Trustees approve the creation of the Graduate Certificate in Healthcare Financial Management effective spring 2024.

BACKGROUND:

The Graduate Certificate in Healthcare Financial Management is composed of four of the core classes in the existing Master of Science in Health Administration (MSHA) program, so it will not require additional faculty or resources. The certificate will require students to complete 12 credit hours that will be delivered online.


This certificate provides students the foundational competencies of healthcare management: governance and management of healthcare organizations, healthcare strategic management, project management for population health, health operations management and science, and healthcare marketing. We expect healthcare providers (physicians, nurses, dentists), allied health providers, and early healthcare management careerists (pre-graduate level) to complete the certificate for current and future health organizational roles. This certificate will be stackable, in accordance with University of Louisville academic program guidelines, toward the MSHA degree program for those certificate graduates that seek a full graduate degree.

This program will serve students who are already working in the health sector but want to enhance their skills to assume leadership and management roles within healthcare organizations. Advisory board leaders representing University of Louisville Health System, Norton Healthcare, Humana, and Baptist Healthcare directly support offering graduate level healthcare management certificates based on our accredited MSHA program to enable associates within their organizations, particularly clinically-oriented members, to enhance capacity for administrative and management roles.

The Faculty Senate recommended the creation of the Graduate Certificate in Healthcare Financial Management at their meeting on September 6, 2023. The Executive Vice President/University Provost joins the President in making this recommendation.

COMMITTEE ACTION:

Passed X
Did Not Pass _____
Other _____


Signature on file _____
Assistant Secretary

BOARD ACTION:

Passed X
Did Not Pass _____
Other _____


Signature on file _____
Assistant Secretary

RECOMMENDATION TO THE BOARD OF TRUSTEES
CONCERNING THE CREATION OF THE
GRADUATE CERTIFICATE IN HEALTHCARE MANAGEMENT

Academic & Student Affairs Committee – September 21, 2023
Executive & Compensation Committee – September 21, 2023

RECOMMENDATION:

The President recommends that the Board of Trustees approve the creation of the Graduate Certificate in Healthcare Management effective spring 2024.

BACKGROUND:

The Graduate Certificate in Healthcare Management is composed of five of the core classes in the existing Master of Science in Health Administration (MSHA) program, so it will not require additional faculty or resources. The certificate will require students to complete 14 credit hours that will be delivered online.

This certificate provides students the foundational competencies of healthcare management: governance and management of healthcare organizations, healthcare strategic management, project management for population health, health operations management and science, and healthcare marketing. We expect healthcare providers (physicians, nurses, dentists), allied health providers, and early healthcare management careerists (pre-graduate level) to complete the certificate for current and future health organizational roles. This certificate will be stackable, in accordance with University of Louisville academic program guidelines, toward the MSHA degree program for those certificate graduates that seek a full graduate degree.

This program will serve students who are already working in the health sector but want to enhance their skills to assume leadership and management roles within healthcare organizations. Advisory board leaders representing University of Louisville Health System, Norton Healthcare, Humana, and Baptist Healthcare directly support offering graduate level healthcare management certificates based on our accredited MSHA program to enable associates within their organizations, particularly clinically-oriented members, to enhance capacity for administrative and management roles.

The Faculty Senate recommended the creation of the Graduate Certificate in Healthcare Management at their meeting on September 6, 2023. The Executive Vice President/University Provost joins the President in making this recommendation.

COMMITTEE ACTION:

Passed X

Did Not Pass _____

Other _____

 ls
Signature on file _____
Assistant Secretary

BOARD ACTION:

Passed X

Did Not Pass _____

Other _____

 ls
Signature on file _____
Assistant Secretary

RECOMMENDATION TO THE BOARD OF TRUSTEES
CONCERNING THE CREATION OF THE
GRADUATE CERTIFICATE IN POPULATION HEALTH MANAGEMENT

Academic & Student Affairs Committee – September 21, 2023
Executive & Compensation Committee – September 21, 2023

RECOMMENDATION:

The President recommends that the Board of Trustees approve the creation of the Graduate Certificate in Population Health Management effective spring 2024.

BACKGROUND:

The Graduate Certificate in Population Health Management is composed of four of the core classes in the existing Master of Science in Health Administration (MSHA) program, so it will not require additional faculty or resources. The certificate will require students to complete 12 credit hours that will be delivered online.

This certificate provides students the foundational competencies of healthcare management: governance and management of healthcare organizations, healthcare strategic management, project management for population health, health operations management and science, and healthcare marketing. We expect healthcare providers (physicians, nurses, dentists), allied health providers, and early healthcare management careerists (pre-graduate level) to complete the certificate for current and future health organizational roles. This certificate will be stackable, in accordance with University of Louisville academic program guidelines, toward the MSHA degree program for those certificate graduates that seek a full graduate degree.

This program will serve students who are already working in the health sector but want to enhance their skills to assume leadership and management roles within healthcare organizations. Advisory board leaders representing University of Louisville Health System, Norton Healthcare, Humana, and Baptist Healthcare directly support offering graduate level healthcare management certificates based on our accredited MSHA program to enable associates within their organizations, particularly clinically-oriented members, to enhance capacity for administrative and management roles.

The Faculty Senate recommended the creation of the Graduate Certificate in Population Health Management at their meeting on September 6, 2023. The Executive Vice President/University Provost joins the President in making this recommendation.

COMMITTEE ACTION:

Passed X
Did Not Pass _____
Other _____

 ps
Signature on file _____
Assistant Secretary

BOARD ACTION:

Passed X
Did Not Pass _____
Other _____

 ps
Signature on file _____
Assistant Secretary

RECOMMENDATION TO BOARD OF TRUSTEES

Academic and Student Affairs Committee – September 21, 2023

Executive and Compensation Committee – September 21, 2023

The President recommends that the following personnel recommendations be approved by the Board of Trustees.

College of Business

Aaron Barnes, PhD, Assistant Professor (Probationary) of Marketing; additional appointment as the Johnson Endowed Assistant Professor of Marketing, November 1, 2023 through June 30, 2028.

Notable Accomplishments:

Dr. Barnes' focus on cultural influences within marketing has resulted in remarkable research achievements, including numerous publications in top journals such as the Journal of Consumer Research, the Journal of Retailing, and the Journal of Personality and Social Psychology. His work has been recognized on influential lists like UT-Dallas Top 100 Business School Research Rankings and the Financial Times Top 50 journals. Dr. Barnes' research productivity positions him among the top echelons of consumer researchers. Moreover, his engagement in advanced-stage reviews for prestigious outlets and active participation in international conferences further solidify his scholarly prominence.

Selection Process:

The Marketing department chair recommended to the Dean. The Personnel Committee voted on the appointment and the Dean is making the recommendation.

Salary Data:

Current base salary: \$ 170,642.94

Current total: \$ 170,642.94

Proposed base salary: \$ 170,642.94

Proposed total: \$ 170,642.94

Budget impact: No change

Median benchmark comparison: \$ 112,900

Benchmark position title: Assistant Professor, Marketing

Benchmark source: AACSB Data Direct

Year of benchmark data: 2022-2023

Benchmark data number of incumbents: 371

Benchmark data number of institutions: 958

Daniel Bennett, PhD, Professor (Tenured) of Management and Entrepreneurship; additional appointment as the Cobb Family Professor of Entrepreneurship, November 1, 2023 through June 30, 2023.

Notable Accomplishments:

Dr. Bennett is an accomplished scholar with experience as Associate Director of the Center for Free Enterprise since 2022. He is an editor for the Small Business Economics Journal and has directed the PhD program in the College of Business, also since 2022.

Selection Process:

Is being named as endowed chair consistent with Dean's recommendation; department vote and Personnel Committee vote.

Salary Data:

Current base salary:	\$ 161,023.50
Current supplement:	\$ 15,000.00 (Associate Director, Center for Free Enterprise)
Current supplement:	\$ 7,000.00 (PhD Program Director)
Current total:	\$ 183,023.50

Proposed base salary:	\$ 161,023.50
Proposed supplement:	\$ 15,000.00 (Associate Director, Center for Free Enterprise)
Proposed supplement:	\$ 7,000.00 (PhD Program Director)
Proposed supplement:	\$ 10,000.00 (Cobb Family Professorship)
Proposed total:	\$ 193,023.50

Budget impact:	\$ 10,000.00
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Median benchmark comparison:	\$ 154,700
Benchmark position title:	Associate Professor
Benchmark source:	AACSB Data Direct
Year of benchmark data:	2022-2023
Benchmark data number of incumbents:	58
Benchmark data number of institutions:	49

Sandeep Goyal, PhD, Professor (Tenured) of Information Systems, Analytics and Operations; additional appointment as the Brown and Williamson Professor of Information Systems, Analytics and Operations, November 1, 2023 through June 30, 2023.

Notable Accomplishments:

Dr. Goyal is a Tenured Professor in the Department of Information Systems, Analytics and Operations, and an accomplished scholar. He is the program director for both the online and in-person Master of Science in Business Analytics (MSBA) programs, as well as Director of International Graduate Student Recruitment in the College of Business.

Selection Process:

The College of Business Personnel Committee voted on the appointment and the Dean is making the recommendation.

Salary Data:

Current base salary:	\$ 211,673
Current supplement:	\$ 15,000 (Director, International Graduate Student Recruitment)
Current supplement:	\$ 30,000 (Director, MSBA Program)
Current supplement:	\$ 30,000 (Director, Online MSBA Program)
Current total:	\$ 286,673

Proposed base salary:	\$ 211,673
Proposed supplement:	\$ 15,000 (Director, International Graduate Student Recruitment)
Proposed supplement:	\$ 30,000 (Director, MSBA Program)
Proposed supplement:	\$ 30,000 (Director, Online MSBA Program)
Proposed supplement:	\$ 10,000 (Brown and Williamson Professorship)
Proposed total:	\$ 296,673

Budget impact: \$ 10,000

Median benchmark comparison:	\$ 160,300
Benchmark position title:	Professor, Computer/Management Information Systems
Benchmark source:	AACSB Data Direct
Year of benchmark data:	2022-2023
Benchmark data number of incumbents:	664
Benchmark data number of institutions:	265

School of Medicine

T. Michael Sabo, Associate Professor (Tenured) of Medicine; additional appointment as the James Graham Brown Foundation Chair in Cancer Biophysics, November 1, 2023 through October 31, 2028.

Notable Accomplishments:

Dr. Sabo obtained his BS, MS, and PhD in Chemistry from the University of Louisville, graduating with his PhD in 2007. He continued his training as a post-doctoral fellow in the laboratory of Muriel C. Maurer at the University of Louisville from 2008-2009. Dr. Sabo then went on to complete a second post-doctoral fellowship with Christian Griesinger at the Max-Planck Institute for Biophysical Chemistry (MPI-BPC) in Gottingen, Germany from 2009-2015. We recruited Dr. Sabo back to the University of Louisville in February 2015, where he joined the Department of Medicine; Division of Medical Oncology and Hematology and UofL Health Brown Cancer Center as an Assistant Professor. His primary focus has been on applying the techniques and methodology that he has developed toward anti-neoplastic targets, including human guanylate kinase (hGMPK) and on providing researchers with the tools necessary to characterize structurally silent, yet functionally important, conformational states.

Selection Process:

Selected by the Division Chief and the Department Chair.

Salary Data:

Current base salary:	\$ 92,194.30
Current supplement:	\$ 46,097.70
Current total:	\$ 138,292.00

Proposed base salary:	\$ 92,194.30
Proposed supplement:	\$ 46,097.70
Proposed total:	\$ 138,292.00

Budget impact: No change

Median benchmark comparison:	\$ 140,000
Benchmark position title:	Associate Professor, PhD
Benchmark source:	Association of American Medical Colleges
Year of benchmark data:	2021-2022
Benchmark data number of incumbents:	77
Benchmark data number of institutions:	N/A

Brian Williams, MD, Associate Professor (Tenured) of Neurological Surgery; additional appointment as the Center for Advanced Neurosurgery Endowed Research Professorship in Neurosurgery, November 1, 2023 through October 31, 2028.

Notable Accomplishments:

Dr. Williams has over 60 publications and an H-Index of 25. He is a master Educator, having been awarded the excellence in teaching award for our department in 2018. His teaching assessments remain outstanding based on resident evaluations. Among his many accomplishments, Dr. Williams helped form a monthly brain tumor support group. In 2020 he completed a certificate program in Post Graduate Medical Education and was recently named Vice Chair of Education for the Department of Neurological Surgery.

Selection Process:

Nominated by the Department Chair, Dr. Joseph Neimat

Salary Data:

Current base salary: \$ 70,000
Current supplement: \$ 569,423
Current ULP supplement: \$ 127,600
Current total: \$ 767,023

Proposed base salary: \$ 70,000
Proposed supplement: \$ 569,423
Proposed ULP supplement: \$ 127,699
Proposed total: \$ 767,023

Budget impact: No change

Median benchmark comparison: \$ 767,023
Benchmark position title: Associate Professor, Neurological Surgery
Benchmark source: Association of American Medical Colleges
Year of benchmark data: 2021-2022
Benchmark data number of incumbents: 302
Benchmark data number of institutions: 151

COMMITTEE ACTION:

Passed X
Did Not Pass _____
Other _____


Signature on file _____
Assistant Secretary

BOARD ACTION:

Passed X
Did Not Pass _____
Other _____


Signature on file _____
Assistant Secretary

RECOMMENDATION TO THE BOARD OF TRUSTEES
CONCERNING THE APPROVAL OF THE
ENDOWMENT MATCH PROGRAM 2022 ANNUAL REPORT

Executive and Compensation Committee - September 21, 2023

RECOMMENDATION:

The President recommends that the Board of Trustees approve the Endowment Match Program 2022 Annual Report, [attached](#), as requested by the Council on Postsecondary Education.

BACKGROUND:

Kentucky recognizes the importance of research to the economic well-being of its citizens. The Endowment Match Program encourages private investment in public higher education research activities to stimulate business development, generate increases in externally sponsored research, create better jobs and a higher standard of living, and facilitate Kentucky's transition to a knowledge-based economy. The program matches public funds with private gifts to fund endowed chairs, professorships, fellowships, scholarships, and mission support at the public universities.

The CPE has directed the state universities to provide detailed annual reports describing how the state and matching funds are used during the fiscal year. The report includes such items as the number of endowed chairs and professorships, the specific support services attached to the chairs and professorships, and the benefits of the program to the Commonwealth of Kentucky in terms of jobs, revenue growth, creation of wealth, and improved quality of life. The University of Louisville has identified institutional outcomes, such as increases in sponsored research directly attributed to the program, changes in the quality of students and measurable outcomes such as retention, graduation, pursuit of advanced study, and employment as well as the creation and profitable use of intellectual property.

BOARD ACTION:

Passed _____

Did Not Pass _____

Other _____

____ Signature on file ____

Assistant Secretary

ENDOWMENT MATCH PROGRAM

FISCAL YEAR 2022 ANNUAL REPORT

louisville.edu/research



**FROM THE DESK OF THE EXECUTIVE VICE PRESIDENT
FOR RESEARCH AND INNOVATION**

DRAWING MORE WORLD- CLASS RESEARCH TALENT

Since its inception, the Bucks-for-Brains program has been invaluable in supporting the University of Louisville's efforts to recruit and retain exceptional talent and, in turn, accelerate economic development. With the \$10 million in new funding allocated this year, combined with private donations, we hope to expand this effort, drawing even more world-class faculty to UofL and to Kentucky.

These new endowed faculty positions will help us to advance groundbreaking research in cybersecurity, energy, health and more, building on past investments that have supported the creation of more than 160 endowed chair, professor and fellow positions with a focus on groundbreaking and impactful research.

These researchers' important work, supported by the Bucks for Brains program, improves our world in a very real way. Their work creates new products, companies, a trained workforce and jobs. Their work shows that the university, and its home state, take a leadership role in bringing those big ideas to life. Never has that impact been more evident than during the COVID-19 pandemic, when UofL researchers and innovators worked to combat health, societal and economic impacts here and around the world.

Over the past two fiscal years, UofL's Bucks-for-Brains endowed researchers developed COVID-19 fighting nasal sprays, worked to support minority-owned manufacturers and improve equity for STEM faculty. In the 2022 fiscal year alone, these researchers' work created 551 jobs and contributed \$133.2 million to the Kentucky economy.

These are just a few ways our Bucks for Brains researchers continue to grow our Commonwealth and solve the important problems worth solving - ones that save and improve lives. This new investment is a positive step toward accelerating that growth and creating thriving futures for us all.

KEVIN H. GARDNER, PHD
EXECUTIVE VICE PRESIDENT FOR
RESEARCH AND INNOVATION

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TABLE 1: PROGRAMMATIC IMPACT OF THE ENDOWMENT MATCH PROGRAM FY22

Since 1998, the University of Louisville has utilized funding from the Endowment Match Program to create 76 endowed chairs and 15 endowed professorships. Additionally, 49 fellowships and mission support projects have been created under the Endowment Match Program to support impactful cutting-edge research at UofL.

	Number of Positions or Projects Established	Number Occupied or Projects with Expenditures
Chairs	89	76
Professorships	18	15
Fellowships	22	17
Mission support	32	32
TOTAL	161	140

IMPACT: *The Endowment Match Program stimulated the growth of the UofL research enterprise through the recruitment and retention of world-renowned faculty and research programs. In return, these scholars create economic opportunity, enhance the education of our students and draw international acclaim to the university with significant breakthroughs in medicine, law, logistics, entrepreneurship, and beyond.*

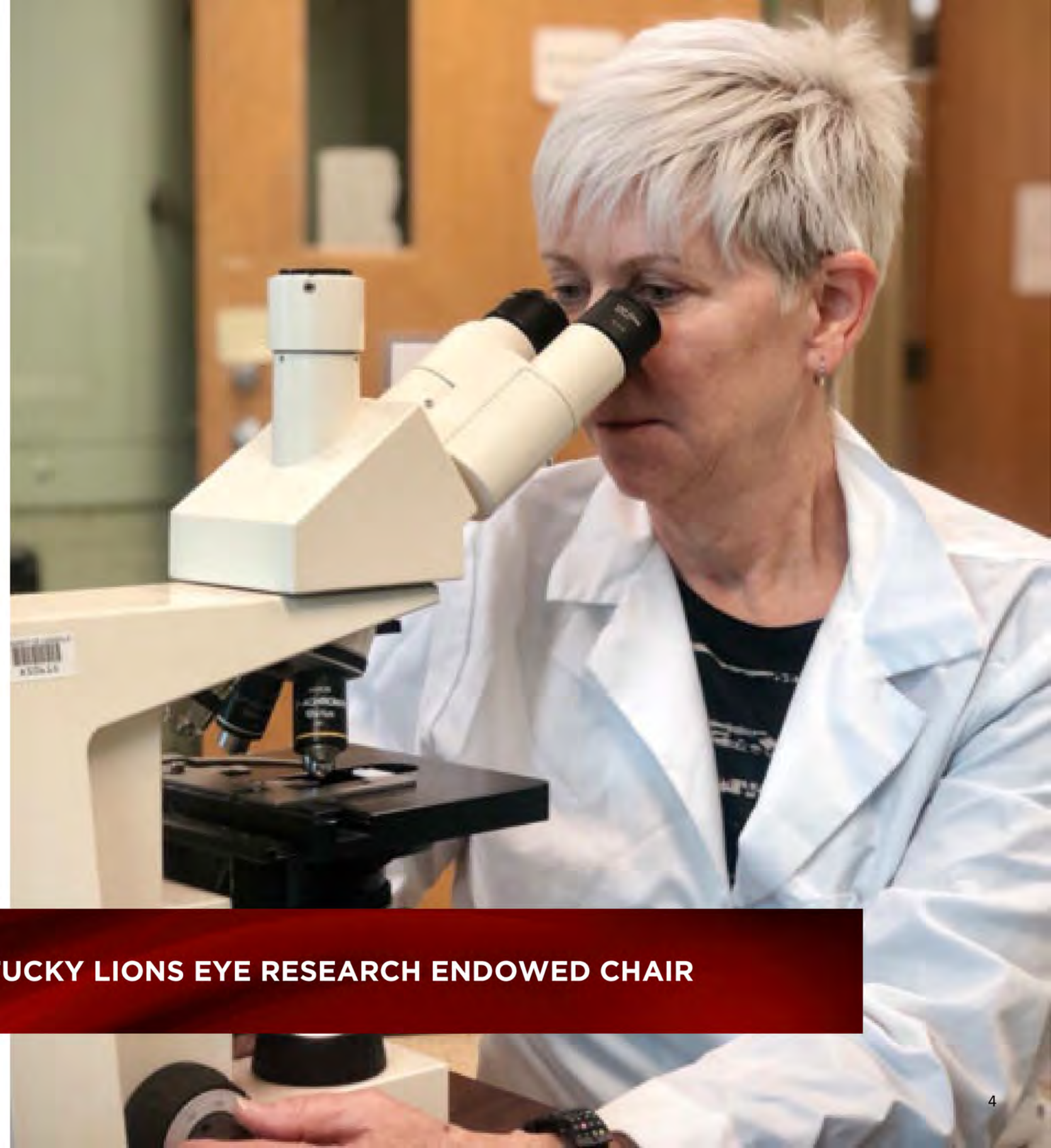
STORIES:

CURE IN SIGHT

New research by the University of Louisville with colleagues at Harvard University could prevent dangerous and potentially life-threatening side effects from the delivery mechanism for targeted gene therapies meant to slow everything from muscle atrophy to vision loss.

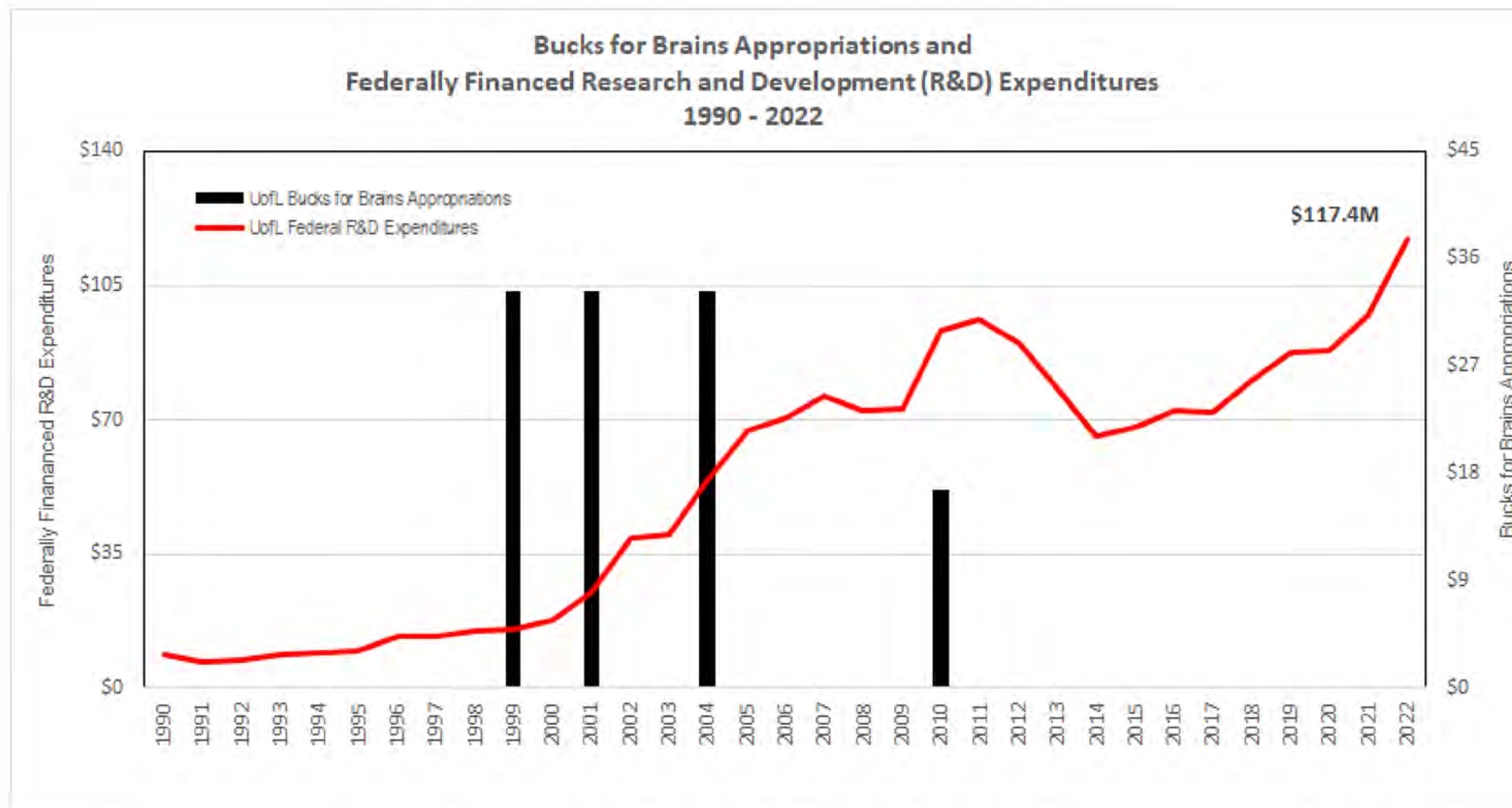
The work targets a leading delivery method for the therapies, adeno-associated virus (AAV), and recently was published in the journal Science Translational Medicine by UofL Bucks for Brains researcher Maureen A. McCall and her colleagues from Harvard University and its Wyss Institute.

AAV is used in treating a number of conditions, including the retinal diseases McCall studies at UofL. However, it also has been known to cause serious side effects, such as elevated immune response and inflammation.



MAUREEN MCCALL, KENTUCKY LIONS EYE RESEARCH ENDOWED CHAIR

FIGURE 1: IMPACT OF THE ENDOWMENT MATCH PROGRAM ON THE UNIVERSITY'S RESEARCH ENTERPRISE FY22



Bucks for Brains is a catalyst for the monumental growth in externally sponsored research funding at the University of Louisville. Since the Kentucky General Assembly passed the Postsecondary Education Improvement Act of 1997 (House Bill 1), federally funded research and development (R&D) expenditures have increased significantly from \$13.5M to nearly \$117.4M in FY2022.

IMPACT: Investment in UofL research attracts significant funding from federal agencies and other organizations. This flow of external funding into the state spurs economic activity, creates new jobs, and provides new opportunities for Kentucky's citizens.

TABLE 2a: FY22 EMPLOYMENT IMPACT OF THE ENDOWMENT MATCH PROGRAM (GENDER)

	MALE	FEMALE	Unavailable	TOTAL
Staff	50	103	77	230
Chair / Professorship	92	18	6	116
Faculty	63	27	4	94
Grand Total	205	148	87	440

As of June 30, 2022, the University of Louisville has appointed a total of 116 faculty endowed chairs and professorships under the Endowment Match Program. Of those appointments, 92 are male and 18 are female.

A total of 94 additional faculty members have been hired under the auspices of the Endowment Match Program to support research efforts. Of these, 63 are male and 27 are female. These faculty positions are assistant or associate professors and are not endowed chairs, but fall under the category of supporting research faculty funded from endowment funds.

Of the 230 staff positions hired with Endowment Match Program funds, 50 are male and 103 are female.

STORIES:

BUILDING CONNECTION

The internet is a powerful tool creating opportunities to improve our lives, from education, to employment, to health outcomes. UofL Bucks for Brains researcher Karen Krigger is working to “connect” currently underserved communities.

Her concept, Genesis, has the goal of launching 24/7 brick-and-mortar Internet cafes offering critical access and education to lower-income, underrepresented minority, senior and other less connected populations. Genesis will help them use the internet to gain insurance coverage, learn about their health, virtually connect with healthcare providers and more.

A medical doctor and teacher by training, Krigger focuses on creating connections both online and off. She also leads a a Compassion Clinic for surveillance, screening, and identification of chronic diseases in health disparate communities and an annual African American film festival in underserved areas, bringing university faculty and community members together to discuss history.

KAREN KRIGGER, PROFESSOR FAMILY AND GERIATRIC MEDICINE



TABLE 2b: FY22 EMPLOYMENT IMPACT OF THE ENDOWMENT MATCH PROGRAM (RACE)

	WHITE	ASIAN	BLACK	NATIVE HAWAIIAN / PACIFIC ISLANDER	AMERICAN INDIAN / ALASKAN NATIVE	DID NOT WISH TO PROVIDE	Unavailable	TOTAL
Staff	105	32	9		1	5	78	230
Chair / Professorships	79	22	6			3	6	116
Faculty	55	28	2	1		4	4	94
Grand Total	239	82	17	1		12	88	440

As of June 30 2022, the University of Louisville is supporting a total of 513 individuals under the Endowment Match Program. Of the employees, 239 are White, 17 are Black and 82 are Asian.

TABLE 3: EDUCATIONAL IMPACT OF THE ENDOWMENT MATCH PROGRAM

	WHITE	ASIAN	BLACK	UNAVAILABLE	DID NOT WISH TO PROVIDE	TOTAL
Unavailable				63		63
FEMALE	13	8	3		1	25
MALE	15	2	2		3	22
Grand Total	28	10	5	63	4	110

In addition to serving as a mechanism to support the recruitment and retention of faculty researchers, the Endowment Match Program also provides financial support and research opportunities to a diverse array of talented graduate students. During Fiscal Year 2022, 110 graduate students received support from endowment proceeds.

IMPACT: *Students at the University of Louisville receive first-hand research and learning experiences from faculty who are the best in the world in their field. At UofL, hundreds of undergraduate and graduate students have worked with Bucks for Brains scholars, preparing to become the leaders of tomorrow.*

STORIES:

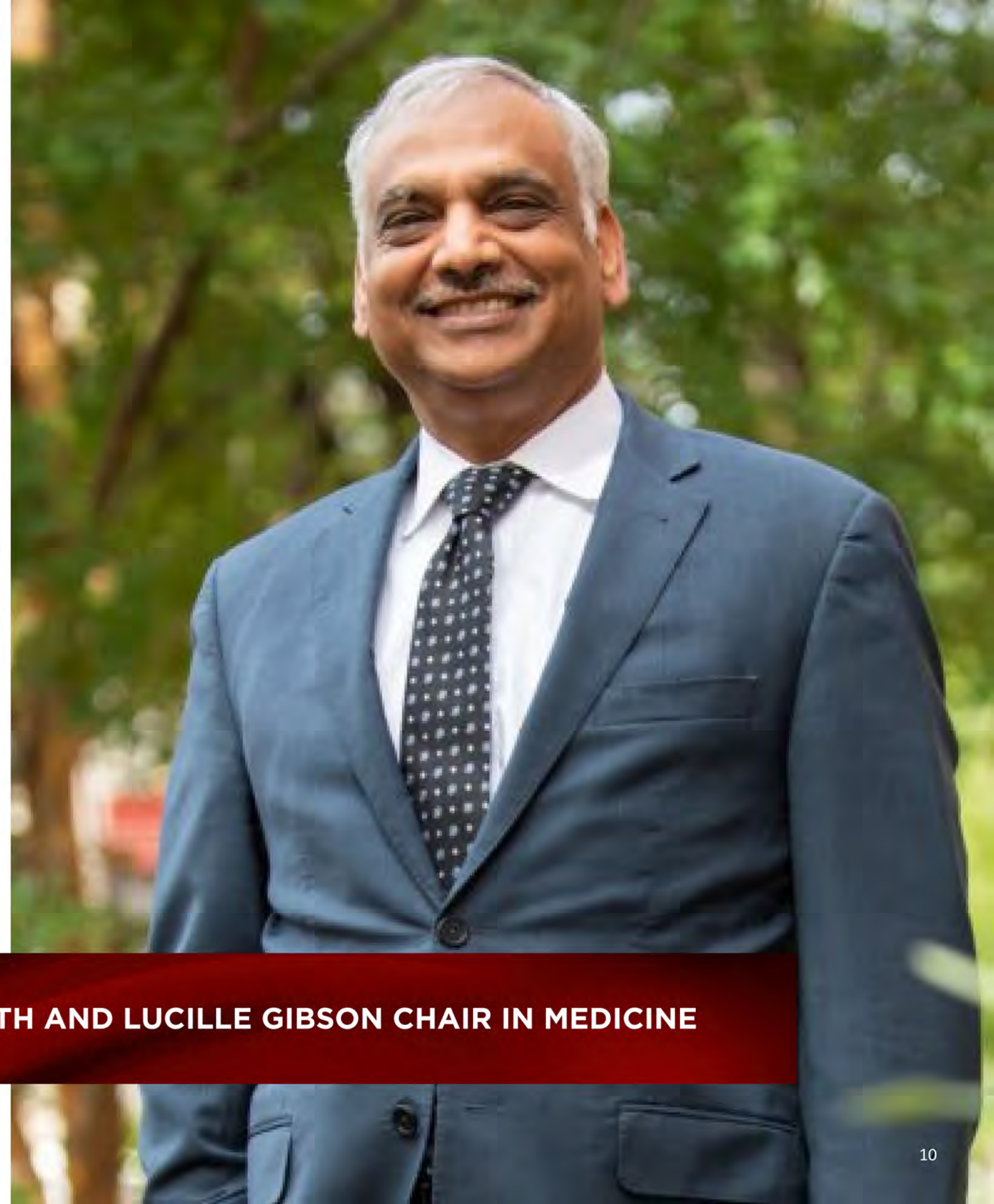
NEW VISION OF HEALTH

UofL is creating a new campus known as the UofL Christina Lee Brown Envirome Institute - New Vision of Health Campus, where study will focus on health as a shared community resource, incorporating environmental and cultural factors.

The Envirome Institute and campus, both led by UofL Bucks for Brains researcher Aruni Bhatnagar, will be both a world-class research center and a nexus for community engagement, spawning citizen scientists and making health equity everyone's pursuit.

The launch of the New Vision of Health Campus is made possible by a commitment from health advocate Christina Lee Brown of Louisville valued at \$47 million, marking one of the largest single donations in the university's history.

The New Vision of Health Campus will include specially designed laboratories and offices that will engage researchers and community members to learn how natural, cultural and personal environments impact health. Institute researchers work with community partners to discover how to build healthier cities, creating insights and models to improve health in Louisville and around the world.



ARUNI BHATNAGAR, SMITH AND LUCILLE GIBSON CHAIR IN MEDICINE

TABLE 4: MONETARY IMPACT OF THE ENDOWMENT MATCH PROGRAM



IMPACT: Matching public dollars with private donations, the Endowment Match Program generated a total of \$234.4 million at the University of Louisville, providing a perpetual source of funding for UofL research activities. This investment is a seed that grows to yield benefits for the local and regional economies, improves the lives of Kentucky's citizens and enhances the education of students who will be our future leaders, teachers, doctors, scientists and entrepreneurs.

TABLE 5: ECONOMIC IMPACT OF THE ENDOWMENT MATCH PROGRAM ON COMMONWEALTH FY22

	Employment	Labor Income	Output
1 - Direct	278.33	\$20,411,026.12	\$57,435,370.00
2 - Indirect	144.88	\$7,320,832.18	\$22,662,126.81
3 - Induced	127.64	\$6,044,189.63	\$19,339,937.72
Totals	550.85	\$33,776,047.93	\$99,437,434.54
Multipliers	1.98	1.65	1.73

During fiscal year 2022, awards of external research grants and contracts resulted in a \$133.2 million dollar contribution to the Kentucky economy. The values in the last column are aggregated/added horizontally or across with taxes added. Hence, the last column values are a little more than the sum of the other rows.

STORIES:

SOLAR POWER-UP

A startup led by UofL Bucks for Brains researcher Thad Druffel, theme leader for solar manufacturing R&D, has secured \$2 million in funding to further development of a technology meant to make solar power more accessible.

The startup, Bert Thin Films, plans to use the new funding — via a \$1 million grant from the U.S. Department of Energy and \$1 million in angel investment — to further their copper-based paste technology, called CuBert, invented and patented at UofL. The paste can replace silver components currently used in solar panels, making them less expensive to manufacture.

“Silver is a huge issue for the industry because the price volatility and there may not be enough to produce the amount of solar panels needed,” Druffel said. “We can solve it by changing one simple ingredient.”



THAD DRUFFEL, THEME LEADER, SOLAR MANUFACTURING R&D

TABLE 6: R&D EXPENDITURES BY SOURCE OF FUNDS FY22 (In Thousands)

	FY2016	FY2017	FY2018	FY2019	FY2020	FY2022
Federal government	72,644	72,119	80,510	87,562	88,251	117,363
Institutional funds	55,372	57,309	53,767	48,834	64,507	63,606
All other sources	18,199	22,558	18,859	13,596	15,593	16,896
Industry/Business	7,693	9,638	9,875	7,474	11,584	11,915
State and local government	11,390	9,298	6,807	8,113	10,365	11,543
Nonprofit organizations	7,605	6,663	6,831	7,879	8,516	8,259
Total	\$172,905	\$177,588	\$176,653	\$173,461	\$198,817	\$229,582

TABLE 7: IMPACT OF THE ENDOWMENT MATCH PROGRAM ON TRANSLATION AND INNOVATION

IMPACT: *The Endowment Match Program has helped to facilitate Kentucky's transition to an innovative, knowledge-based economy. Inventions stemming from UofL research translate directly into patents, licenses, and subsequent business opportunity, including start-up companies focusing on new treatments for cancer and transplant rejection, advanced manufacturing, and services and devices helping paralyzed children to become mobile again.*

In FY22, our innovation numbers continue to normalize after a spike caused by a surge of development and funding during the COVID-19 pandemic.

	FY21	FY22
Invention Disclosures and Patents		
Number of Invention Disclosures Received by the University	77	46
Number of Invention Disclosures Generated by Match Program Faculty	39	15
Number of U.S. Patent Applications Filed by the University	108	60
Number of U.S. Patent Applications Generated by Match Program Faculty	55	34
Number of New U.S. Patent Applications Filed by the University	39	12
Number of New U.S. Patent Applications Generated by Match Program Faculty	19	10
Number of U.S. Patents Issued to the University	37	21
Number of U.S. Patents Generated by Match Program Faculty	23	12
License / Option Agreements		
Number of Licenses/Options Executed by the University	17	7
Number of Licenses/Options Generated by Match Program Faculty	9	-
Number of Active Licenses/Options Executed by the University	76	80
Number of Active Licenses/Options Generated by Match Program Faculty	37	37
Amount of License Income Received by the University	\$833,311	\$788,325
Amount of License Income Generated by Match Program Faculty	\$579,734	\$297,632
Start-Up Activity		
Number of Start-Up Companies Formed / Dependent on University Technology	2	1
Number of Start-Up Companies Formed / Generated by Match Program Faculty	2	-
Number of Start-Up Companies Formed / Operating In-State	1	-

STORIES:

VACCINE FOR CANCER

Vaccinations protect us from all kinds of terrible diseases — polio, small pox, influenza. But what if a vaccine could protect you from cancer?

UofL Bucks for Brains researcher Kavitha Yaddanapudi is part of a team developing a new vaccine for lung cancer that's stable and scalable, in addition proving as much as 80 to 100% effective at preventing certain tumor growth in mouse models.

Prevention is key because, while conventional treatments and therapies may kill most of the cancer, a small percentage of cells are resistant. Those are cancer stem cells, which have the ability to reproduce and sustain the cancer.

“Those cells sit there, and they have the capability of regrowing the entire tumor by themselves,” Yaddanapudi said.



KAVITHA YADDANAPUDI (RIGHT), ASSOC. PROFESSOR, UOFL SCHOOL OF MEDICINE

TABLE 8: FINANCIAL STATUS OF THE ENDOWMENT MATCH PROGRAM FY22

State Matches	117,839,448.94
Donor Matches	124,394,040.57
Historical Value as of 6/30/21	242,233,489.51
Change in Value	65,776,361.75
Market Value as of 6/30/21	308,009,851.26
Activity in FY22	
Carryover from Prior Period	5,856,779.03
FY21-FY22 Spend Declared	8,278,300.98
Total Available	14,135,080.00
Expended	7,247,282.75
Balance as of 6/30/22	6,887,797.25
Market Value as of 6/30/22	378,156,606.23

- During FY 2022, the University of Louisville preliminarily received \$10 million in additional funds from the Endowment Match Program;
- The total market value of the endowments established through the Endowment Match Program was up, reaching \$378,156,606 as of June 30, 2022;
- \$7,247,282 was expended for program activities as of June 30, 2022.

TABLE 9: COMPONENTS OF CHANGE IN ENDOWMENT MARKET VALUE FY22

"State Program #"	"Gift Program #"	Endowment Name	Date Established	Prior to 7/1/21			During Fiscal Year 2021-22			"Earnings Expended 2021-22"	Market Value 6/30/2022	Outstanding Pledges as of 6/30/2022
				State Funds Received	Gifts Received	Market Value 7/1/21	State Funds Received	Gifts Received	Investment Earnings (Loss)			
E1817	E1759	Calvin & Helen Lang Distinguished Visiting Professorship in Asian Studies	3/11/2010	500,000.00	504,949.57	1,257,448.96	-	-	(24,765.63)	27,926.54	1,205,735.42	-
E1825	E1762 E7851	Dr Renato LaRocca Endowed Fund -	3/19/2010	400,000.00	230,667.11	806,015.46	-	-	(16,240.23)	14,093.90	783,099.33	-
E1646	E1845	George A. Bush, Jr, Professorship in Clinical Trials Cancer Research		467,000.00	816,398.48	1,510,210.98	-	-	(30,384.56)	60,991.04	1,466,001.02	-
E1829	E1552	Visiting Jazz Artist Endowed Chair	3/24/2010	414,500.00	399,113.20	997,263.80	-	-	(20,079.60)	11,911.56	968,517.62	-
E1828	E1827	Kosair Charities Pediatric Cancer Center Research Center	3/22/2010	5,000,000.00	5,000,045.00	12,082,076.33	-	-	(241,791.09)	132,341.76	11,692,387.23	-
E1824	E1606	Paul Weber Endowed Chair in Politics, Science, & Religion	3/19/2010	236,000.00	302,563.72	646,597.31	-	-	(12,968.02)	10,193.98	626,530.72	-
E1823	E1822	The Owsley Brown Frazier Endowed Chair in Physical medicine & Rehabilitation	3/24/2010	750,000.00	755,124.61	1,815,935.20	-	-	(36,601.25)	-	1,764,652.21	-
E1830	E1736	BB&T Distinguished Professorship in Free Enterprise	3/24/2010	500,000.00	1,000,000.00	1,841,721.76	-	-	(36,215.31)	32,124.57	1,764,365.64	-
E1837	E1761	Lung Cancer Endowed Chair	6/10/2010	650,000.00	654,638.26	1,574,128.59	-	-	(32,121.49)	74,696.24	1,540,686.53	-
E1818	E1705	Hiram C. Polk, M.D. Surgery Endowed Chair	3/17/2010	1,000,000.00	1,179,252.01	2,610,918.65	-	-	(52,322.80)	29,867.44	2,528,728.41	-
E1819	"E1746 E1429 E1713"	Translational Research Chair	3/17/2010	1,325,000.00	1,604,149.64	3,667,508.12	-	-	(72,369.54)	63,519.90	3,522,880.29	-
E1801	E1841	Conn Ctr for Renewable Energy Research and Environmental Stewardship Director's Chair	1/15/2010	1,500,000.00	1,562,538.95	3,826,413.83	-	-	(88,576.87)	44,690.70	4,289,050.60	-
E1854	E1928	Medicine - State B4B Round IV		500,000.00	500,000.00	1,251,866.92	-	-	(24,832.03)	545.20	1,205,300.48	-
E1802	"E0290 E1841"	Conn Ctr for Renewable Energy Research and Environmental Stewardship Fellowship	1/25/2010	896,000.00	932,098.18	2,224,433.18	-	-	(44,310.09)	26,111.74	2,143,845.45	-
E1820	E1746	Center for Preventive Medicine Director's Chair	3/15/2010	1,000,000.00	1,036,489.86	2,479,711.94	-	-	(94,695.55)	122,173.03	4,603,987.25	-
E1826	E1836 E1690	Helmsley Chair in Plant-based Pharmaceutical Research	3/22/2010	1,528,500.00	1,559,847.55	3,809,314.80	-	-	(75,668.01)	89,796.23	3,670,645.75	-
E0533	E0476	Ashland Inc. Chair in Early Childhood Education in Memory of Dr. Ralph Q. Nystrand - State	12/1/1999	500,000.00	560,945.33	1,267,291.76	-	-	(25,109.37)	-	1,219,360.87	-
E1561	E1525	Our Highest Potential Visiting Scholars Chair in Pan African Studies - State	1/12/2005	1,000,000.00	1,008,411.53	2,550,133.08	-	-	(51,079.44)	27,741.41	2,469,162.71	-

E1526	E1432	Barnstable Brown Endowment for the Advancement of Diabetes Research - State	12/19/2003	250,000.00	362,597.66	731,933.85	-	-	(14,380.20)	30,621.83	700,843.53	-
E0532	E0440	Barnstable-Brown Gala Chair in Diabetes Research - State	12/14/1998	500,000.00	550,247.51	1,420,468.65	-	-	(27,844.61)	35,655.00	1,358,365.33	-
E0556	E0514	La Donna, and Charlie W. Johnson Assistant Professorship - State	10/13/2000	99,999.99	121,627.44	264,815.16	-	-	(5,378.31)	-	258,471.64	-
E1321	E1435 E1303 E1323 E0924 E0431	Bioengineering Chair - State	9/17/2002	1,973,709.00	2,403,038.87	5,849,426.69	-	-	(116,540.50)	71,567.78	5,646,233.36	-
E1302	E1301	Biomedical Devices - State	3/23/2000	1,026,261.00	1,026,261.00	2,849,583.01	-	-	(55,854.61)	59,709.40	2,724,883.48	-
E1264	E1266	BIOMEMS Chair - State	2/28/2002	1,000,000.00	1,000,006.00	2,469,355.09	-	-	(49,245.64)	63,776.82	2,384,910.99	-
E1595	E1578	Brown-Forman Cancer Research Endowment Fund	1/3/2006	500,000.00	445,000.00	1,149,199.28	-	-	(23,424.80)	38,240.05	1,124,070.34	-
E0528	E0424	Brown-Forman Chair in Entrepreneurship - State	7/16/1998	1,000,000.00	1,004,462.00	2,660,091.64	-	-	(52,137.61)	73,720.25	2,543,606.83	-
E0534	E0436 E1300	Bumgardner Chair in Molecular Pathogenesis of Microbial Infections	2/26/1999	1,500,000.00	1,577,327.06	4,462,882.31	-	-	(89,020.50)	125,959.13	4,310,783.34	-
E1513	E1512	Cardiovascular Innovation Institute - Scientific Director - State	4/1/1999	1,000,000.00	1,080,902.38	2,691,771.21	-	-	(52,844.65)	178,159.89	2,576,297.89	-
E1492	E7830	Carol B. McFerran Chair in Juvenile Diabetes Research - State	3/24/1998	1,000,000.00	-	1,295,568.67	-	-	(25,391.13)	44,060.61	1,238,782.51	-
E0539	0	Challenge for Excellence Chair in Supply Chain Management - State	12/10/1998	1,500,000.00	-	1,976,246.79	-	-	(38,736.00)	48,287.91	1,889,754.95	-
E1238	E0504	Charles L. Bloch, MD Professorship - State	12/11/2000	333,658.00	328,910.21	817,641.91	-	-	(16,584.61)	18,446.96	797,478.41	-
E1010	E0515	Charles R. Pullin Fellowship	6/26/2000	2,000,000.00	2,297,652.98	5,484,577.12	-	-	(366,204.81)	360,359.12	17,715,279.54	-
E0535	E0417	Children's Hospital Foundation Chair for Pediatric Research - State	5/26/1998	1,000,036.40	1,002,154.62	2,866,008.22	-	-	(56,172.44)	69,360.52	2,740,475.27	-
E1531	E1532	Professorship in Arts & Sciences - State (Civic Leadership)	5/19/2004	1,000,000.00	1,018,662.65	2,501,857.03	-	-	(50,130.28)	48,648.00	2,422,917.92	-
E1615	E1614	David A. and Betty A. Jones Scholars Program	2/9/2006	2,054,000.00	2,113,942.01	5,355,348.19	-	-	(107,688.47)	82,500.00	5,197,072.46	-
E0553	E0501	Delta Dental Endowed Professorship in Oral Health & Systemic Disease - State	9/14/2000	750,000.00	802,601.06	1,834,112.81	-	-	(36,463.11)	18,378.22	1,768,194.36	-
E1560	E1533	Dr. Arno F. Spatola Endowed Fellowship Fund - State	12/8/2004	100,000.01	150,622.21	315,107.82	-	110.00	(6,429.67)	6,974.67	308,252.52	-
E1491	E1713	Dr. Henry D. Garretson Chair in Spinal Cord and Head Injury Research - State	7/15/1998	500,000.00	500,000.00	1,298,999.50	-	-	(25,511.83)	29,929.05	1,243,558.62	-
E1570	E1569	Dr. Michael and Joan Hamilton Endowed Chair in Autoimmune Disease	1/3/2006	1,000,000.00	1,000,000.00	2,490,258.02	-	-	(50,494.64)	-	2,428,387.07	-

E1008	E1408	Dr. William G. & Joan L. Caldwell Chair in Gynecologic Oncology - State	1/23/2001	1,000,000.00	1,033,969.92	2,438,731.35	-	400.00	(48,824.07)	-	2,360,178.05	-
E0523	E0480	Drs. Arthur and Virginia Keeney Chair in Ophthalmology and Visual Sciences - State	8/8/1997	1,000,000.00	1,025,775.00	3,073,314.06	-	-	(60,231.92)	89,885.90	2,938,599.94	-
E1025	E0515	Endowed Chair for E-Commerce	5/30/2001	2,000,000.00	2,297,652.98	5,484,828.89	-	-	(366,209.76)	342,242.22	17,715,520.90	-
E1012	E0515 E0493	Endowed Chair in Bio-imaging - State	5/30/2001	3,014,759.98	2,943,011.63	7,623,317.46	-	-	(150,940.68)	147,546.96	7,320,526.33	-
E0545	E0911	Endowed Chair in Neurological Surgery - State	3/10/1999	500,000.00	500,000.00	1,314,459.53	-	-	(25,764.76)	70,377.44	1,256,939.40	-
E1249	E1252	Endowed Chair in Urban Health Policy - State	11/8/2001	500,000.00	519,640.81	1,236,324.81	-	-	(24,589.83)	17,548.47	1,192,203.45	-
E1014	E0515	Endowed Chair of Biomechanics	5/30/2001	3,000,000.00	3,446,479.47	8,230,296.68	-	-	(392,125.37)	373,179.44	18,978,899.09	-
E0547	E0923	Endowed Professor of Molecular Signaling - State	2/2/2000	500,000.00	502,100.00	1,296,744.43	-	-	(26,012.68)	4,165.40	1,256,656.88	-
E0543	E0891	Evelyn J. Schneider Endowed Chair for Scholarly Communication - State	7/2/1997	1,055,000.00	1,204,285.23	3,085,441.99	-	-	(60,867.05)	71,721.77	2,961,318.61	-
E1600	E1417	Fifth Third Bank Professor of Community Development	1/3/2006	250,000.00	265,822.17	640,421.16	-	-	(12,739.06)	-	617,605.79	-
E1239	E1259	Florence Lutz - Mission Support - State	11/14/2001	1,249,476.00	1,276,721.44	3,132,415.62	-	-	(61,575.81)	79,040.47	3,000,303.35	-
E0530	E0437	George E. and Mary Lee Fischer Chair in Family Entrepreneurship - State	12/16/1998	500,000.00	585,258.53	1,534,043.23	-	-	(30,719.92)	-	1,485,133.36	-
E0544	E0508	Gerald L. and Jacqueline W. Nichols Research Award - State	1/1/2001	125,000.00	128,049.34	309,261.24	-	-	(6,144.18)	3,697.36	298,032.68	-
E1584	E1583	Gheens Foundation Cardiovascular Innovation Institute Research Fund	1/3/2006	1,000,000.00	999,624.17	2,415,470.16	-	-	(47,839.27)	15,429.01	2,323,575.65	-
E1307	E1454	Gheens Foundation, Inc. Chair in Aging Research - State	3/18/2002	1,000,000.00	1,023,550.54	2,537,163.34	-	-	(51,546.31)	-	2,476,942.56	-
E1494	E0900	Goldie Margaret Wilson Endowment Fund - State	1/7/1998	230,000.00	272,547.18	732,157.27	-	-	(14,349.35)	17,738.60	700,071.29	-
E1297	E1246 E1247 E0925	Raymond Lee Lebby Endowed Professor of Parkinson's Disease Research - State	11/26/2001	1,000,000.00	1,847,159.41	2,547,851.54	-	-	(50,739.35)	131,085.82	2,459,318.58	-
E1013	E0515	Grosscurth Chair in Intellectual Property	5/30/2001	1,000,000.00	1,148,826.49	2,742,373.82	-	-	(340,393.37)	310,822.70	16,456,148.06	-
E1628	E1592	Ha T. and Nga T. Le Endowed Chair in Pediatric Allergy and Immunology	3/22/2006	1,000,000.00	1,099,181.88	2,562,551.89	-	-	(51,343.44)	-	2,481,574.81	-
E1601	E1566	Harry S. Frazier, Jr. Family Cancer Research Endowment	1/3/2006	500,000.00	507,442.72	1,216,831.19	-	-	(24,784.30)	25,705.92	1,189,688.93	-
E1626	E1553	Henry M. and Stella M. Hoenig Fund	3/22/2006	1,200,000.00	1,403,493.33	3,122,496.61	-	-	(62,076.08)	64,541.24	3,010,247.99	-
E1577	E1501	Henry Vogt Professorship in Cancer Prevention & Control	10/5/2005	500,000.00	500,025.00	1,228,324.59	-	-	(24,667.88)	24,515.78	1,191,124.53	-
E0536	E7820	Herbert F. Boehl Chair in Health Law and Policy - State	9/18/1998	500,000.00	519,088.00	710,205.80	-	-	(14,267.13)	80,959.86	688,821.79	-
E0537	E7821	Herbert F. Boehl Chair in Property and Land Use - State	9/18/1998	1,059,908.00	1,000,000.00	1,514,240.37	-	-	(29,679.04)	88,190.26	1,447,933.06	-

E1602	E1567	Heuser Hearing Institute Professorship in Otolaryngology	1/3/2006	370,000.00	387,031.50	920,557.36	-	-	(18,516.44)	-	893,497.78	-
E1009	E1004	Heuser Hearing Research Endowed Chair - State	2/15/2001	1,000,000.00	1,000,000.00	2,473,868.22	-	-	(48,565.44)	55,576.14	2,367,713.24	-
E1582	E1581	Humana Chair in International Pediatrics	1/3/2006	1,000,000.00	946,477.41	2,358,291.13	-	-	(48,121.50)	-	2,308,158.45	-
E1596	E1573	Humana Endowment Fund for International Pediatrics	1/3/2006	1,000,000.00	1,007,844.80	2,424,262.98	-	-	(48,016.91)	216.12	2,332,133.69	-
E1478	E1477	Institute for Molecular Cardiology Mission Support - State	5/27/2004	1,000,000.00	1,080,902.38	2,676,926.06	-	-	(52,587.32)	25,074.76	2,563,048.18	-
E1248	E1037	J. Henning Hilliard Fellowship - State	10/24/2001	100,000.00	102,426.90	250,136.73	-	-	(4,907.14)	5,435.03	239,308.97	-
E1519	E1518	James Graham Brown Chair in Cancer in Biophysics	9/28/2001	642,000.00	657,000.00	1,677,288.20	-	-	(33,280.87)	42,570.99	1,615,207.01	-
E1280	E1411	James Graham Brown Foundation "Our Highest Potential" Chair in Cancer Research - State	9/25/2001	1,000,119.44	1,002,563.89	2,477,725.51	-	-	(48,587.38)	59,237.47	2,369,900.66	-
E0538	E0468	James Graham Brown Foundation Chair - State	7/30/1999	2,000,000.00	2,051,605.00	9,270,994.60	-	-	(1,214,820.02)	231,003.05	7,820,645.78	-
E0554	E0506	James Graham Brown Foundation Chair of Cancer Biology - State	12/30/2000	1,000,000.00	1,002,508.45	2,460,319.10	-	-	(49,989.51)	41,255.58	2,402,045.02	-
E0555	E0507	James Graham Brown Foundation Chair of Structural Biology - State	12/30/2000	1,000,000.00	1,000,000.00	2,411,756.84	-	-	(48,240.55)	11,278.81	2,333,289.36	-
E1255	E1033	James Graham Brown Foundation Endowed Chair in Proteomics	9/28/2001	500,000.00	503,736.89	1,293,101.31	-	-	(25,349.23)	10,109.48	1,236,604.32	-
E0526	E0413 E0377	James R. Petersdorf Chair in Spinal Cord & Head Injury Research - State	4/7/1998	500,000.00	1,024,182.95	2,305,436.68	-	-	(45,503.03)	31,127.35	2,209,986.28	-
E1630	E1604	Jewish Community Federation of Louisville, Inc. Chair in Judaic Studies	3/22/2006	500,000.00	1,556,443.06	2,393,129.83	-	-	(47,445.18)	46,174.00	2,303,441.19	-
E1511	E1510	Jewish Hospital Chair in Cardiovascular Surgery - Cardiovascular Innovation Institute-Medical Director - State	4/1/1999	1,000,000.00	1,080,902.38	2,609,234.23	-	-	(51,318.53)	73,418.66	2,499,948.88	-
E1036	E1035	Jewish Hospital Distinguished Chair in Hepatology - State	7/1/2001	1,000,000.00	1,080,902.38	2,527,349.13	-	-	(49,800.98)	70,084.01	2,424,087.01	-
E0540	E0453	Jewish Hospital Distinguished Chair in Transplantation Research - State	4/1/1999	4,000,000.00	4,333,668.22	10,463,532.60	-	-	(210,064.43)	36,595.02	10,144,703.19	-
E0524	E0403	Jewish Hospital Heart and Lung Institute Distinguished Chair in Cardiology - State	12/23/1997	1,000,000.00	1,001,000.00	2,950,426.48	-	-	(58,760.69)	-	2,841,047.07	-
E1495	E1451	John Andrew Dillon, Jr. Graduate Fellowship in Physics - State	2/16/2004	250,000.00	251,460.00	603,961.12	-	-	(12,344.95)	7,852.78	591,709.48	-
E1527	E1503	Kosair Charities Chair in Pediatric Heart Surgery Research - State	6/23/2004	1,000,000.00	1,050,687.00	2,574,937.46	-	-	(50,616.98)	41,068.30	2,466,323.78	-
E0549	E7831	Kosair Children's Hospital/Norton Healthcare Pediatric Oncology Endowed Chair Fund - State	5/1/2004	1,000,000.00	-	1,302,306.66	-	-	(26,620.99)	19,515.25	1,275,949.45	-
E1496	E7832	Kosair Children's Hospital/Norton Healthcare Research Fund for Pediatric Sleep Disorders - State	5/1/2004	1,000,000.00	-	1,298,430.51	-	-	(25,470.07)	63,380.67	1,242,152.96	-

E1597	E1546	KY Fund for Healthy Living Research Fund	1/3/2006	100,000.00	101,246.54	247,985.44	-	-	(4,977.70)	-	240,406.21	-
E1627	E1590 E1648	KY Lions Eye Foundation Fund in Ophthalmology	3/22/2006	1,700,000.00	1,744,246.70	4,203,440.68	-	-	(81,887.63)	146,724.93	4,031,622.36	-
E0550	E0511	Leonard V. and Ruby J. Hardin Family Doctoral Graduate Fellowship - State	10/23/1999	100,000.00	101,827.11	246,875.54	-	-	(4,845.05)	3,172.00	236,241.89	-
E0531	E0441	Lolita S. and Samuel D. Weakley Endowed Research Chair in Anesthesiology - State	1/4/1999	1,000,000.00	1,255,809.37	3,054,240.72	-	-	(59,935.36)	73,818.85	2,922,524.73	-
E0546	E7819	Magdalen McDowell Evans Trust in Memory of Dr. Thomas C. Evans - State	6/25/1998	373,000.00	373,000.00	477,094.21	-	-	(9,686.11)	71,199.88	465,580.34	-
E0525	E0419	Mary Lee and George F. Duthie Chair in Engineering Logistics - State	6/2/1998	500,000.00	601,775.73	1,495,413.62	-	-	(29,489.49)	46,983.68	1,434,952.78	-
E2360	E0290 E1716	Earle H. Austin III, M.D. Endowed Chair in Pediatric Cardiovascular Surgery	11/11/2022	990,250.18	899,162.53	2,452,118.16	-	-	(49,116.41)	20,885.35	2,371,837.91	-
E9254	0	Master Fund II - B - State	2/25/2002	-	-	-	-	-	-	-	-	-
E1557	E1431	Matthew Aldridge Cowan Ph. D. Fellowship - State	8/1/2003	550,000.00	590,964.62	1,460,812.08	-	-	(29,258.96)	18,507.00	1,414,394.64	-
E0527	E0427	Mitch McConnell Chair in Leadership - State	9/3/1998	1,019,564.24	996,482.07	2,894,521.79	-	-	(56,730.22)	74,094.62	2,767,709.39	-
E1479	E1265	Neurological Rehabilitation Research Fund	4/14/2004	500,000.00	500,000.01	1,348,324.23	-	-	(40,066.70)	48,729.86	1,952,182.38	-
E0541	E0418	Norton Healthcare Chair in Neurosurgery - State	5/15/1998	1,000,000.00	963,097.95	2,383,214.02	-	-	(46,851.79)	136,241.22	2,282,794.65	-
E1299	E0925	Ole A., Mabel Wise and Wilma Wise Nelson Chair in Clinical Geriatrics Research - State	3/23/2000	1,000,000.00	842,214.08	2,367,616.64	-	-	(51,779.01)	64,574.68	2,526,035.53	-
E1515	E1449 E1421	Professorship in Engineering - State (Schwarzwalder & Winnia)	12/5/2002	1,146,000.00	1,387,547.64	3,235,505.88	-	-	(64,227.14)	83,529.44	3,116,532.50	-
E1237	E0510	Rebecca L. and Henry P. Conri Graduate Fellowship - State	1/2/2001	262,999.86	318,792.96	731,388.22	-	-	(14,479.89)	7,235.62	703,410.81	-
E1528	E1482	Robert W. Rounsavall Jr. and Gretchen C. Rounsavall Endowed Chair in Ocular Molecular Biology - State	6/3/2004	1,000,000.00	1,002,891.50	2,466,861.67	-	-	(49,082.49)	54,018.89	2,379,327.08	-
E0529	E0434	Samuel J. Stallings Chair in Law - State	10/28/1998	539,598.00	561,802.00	1,525,871.44	-	-	(29,911.73)	31,828.01	1,459,186.68	-
E0551	E0893	Samuels Family Scholarship Fund - State	12/9/1997	200,557.86	203,800.67	582,135.81	-	-	(11,907.99)	-	570,587.17	-
E1598	E1558	Schmid Foundation Endowed Fund	1/3/2006	50,000.00	50,912.00	127,851.92	-	-	(2,559.56)	2,547.44	123,755.41	-
E0552	E0496	Shirley B. Powers Endowed Chair in Nursing Systems Research - State	7/18/2000	500,000.00	500,000.00	1,245,098.00	-	-	(24,861.28)	15,289.21	1,203,377.50	-
E1530	E0484	Smith & Lucille Gibson Professorship in Medicine - State	3/9/2000	433,000.00	430,895.10	1,097,567.44	-	-	(21,538.85)	26,387.24	1,492,594.54	-
E0548	E0489	Speed Alumni Computing Resource Fund II - State	4/26/2000	253,179.60	250,183.97	640,459.42	-	-	(12,648.73)	26,710.67	614,552.58	-
E1493	E0946	Spinal Cord & Head Injury Fund #3 - State	2/6/2001	500,000.00	500,000.00	1,229,814.80	-	-	(24,212.19)	17,113.10	1,178,980.89	-
E1599	E1579	Sutherland Endowed Chair in Glass Arts	1/3/2006	500,000.00	510,518.11	1,219,849.08	-	-	(24,416.97)	12,426.70	1,180,642.74	-

E1011	E0515	Technical Writing Chair in Rhetoric	5/30/2001	1,000,000.00	1,148,826.49	2,740,924.01	-	-	(340,343.43)	280,804.07	16,454,159.55	-
E1298	E1261	The Elizabeth and Frederick Cressman Scholars Fund - State	2/19/2002	500,000.00	499,054.67	1,265,700.47	-	-	(24,830.31)	30,000.00	1,210,909.60	-
E1603	E1521	The Founder Chair in Cancer Research	1/3/2006	864,800.00	1,002,060.80	2,241,995.72	-	-	(44,936.71)	25,462.61	2,171,596.40	-
E1263	E1006	The Infrastructure Research Chair - State	7/16/2001	1,000,000.00	1,088,395.15	2,541,590.69	-	-	(50,281.25)	48,899.28	2,443,341.66	-
E1576	E1554	Tobacco Harm Reduction Research Chair	10/5/2005	1,000,000.00	1,000,399.24	2,417,565.45	-	-	(47,881.14)	37,626.51	2,325,602.84	-
E1529	E1509	University Medical Associates, PSC Chair in Pulmonary Medicine - State	7/16/2004	1,000,000.00	1,033,611.87	2,487,778.89	-	-	(49,804.54)	10,663.59	2,408,040.12	-
E1575	E1563	University Pediatrics Foundation, Inc. Fund for Pediatric Outcomes Research	10/5/2005	1,000,000.00	1,000,000.00	2,499,655.00	-	-	(49,625.42)	48,748.60	2,407,891.10	-
E1447	E1433	University Pediatrics Foundation, Inc. Fund for Pediatric Research	12/12/2003	1,000,000.00	1,000,000.00	2,940,056.24	-	-	(57,662.77)	70,063.07	2,812,371.54	-
E1629	E1594	Wendell Cherry Chair in Clinical Trial Research	3/22/2006	600,000.00	600,967.54	1,464,418.77	-	-	(28,894.44)	18,248.98	1,405,660.16	-
E1260	E0477	William T. Runner, Jr. Fellowship - State	12/31/1999	280,633.04	349,271.73	817,236.10	-	-	(16,262.13)	27,008.45	788,288.16	-
E1522	E1426	Woodrow M. Strickler "Our Highest Potential" Chair in Entrepreneurship - State	7/28/1998	1,031,478.00	1,044,880.95	2,596,678.10	-	-	(50,975.49)	56,291.28	2,485,227.96	-
E1622	E1621	Wendell Cherry Chair in Cancer Translational Research	7/2/2006	1,000,000.00	987,358.85	2,403,008.45	-	-	(47,910.89)	28,810.49	2,320,498.28	-
E1639	E1520	Hiram Polk Endowment Fund in Surgery	7/2/2006	750,000.00	1,215,259.51	2,387,011.93	-	4,500.00	(47,434.05)	46,981.41	2,294,499.13	-
E1638	E1637	Humana Foundation Professorship in Clinical Trial Research	7/9/2006	500,000.00	500,000.00	1,209,721.81	-	-	(24,210.84)	60,556.49	1,170,732.02	-
E1632	E1631	Endowed Chair in Oncology Social Work (Baptist East, Amgen, Private Gifts)	4/16/2007	599,988.53	790,322.63	1,839,598.49	-	-	(37,473.27)	44,873.17	1,798,707.06	-
E1674	E1625	Paul Weber Mentoring Fellowship	4/16/2007	50,000.00	84,457.06	171,814.67	-	-	(3,500.28)	5,000.00	168,005.16	-
E1644	E1643	Distinguished Visiting Scholars Fund in Liberal Studies	4/16/2007	1,000,000.00	1,250,326.91	2,691,775.87	-	-	(53,497.88)	48,805.28	2,594,577.83	-
E1635	E1634	Fund in Civic Leadership and Education McConnell Center	7/2/2006	1,000,000.00	1,005,610.00	2,423,535.59	-	-	(48,599.78)	18,225.32	2,348,141.40	-
E1715	E1652	Chemistry Endowed Chair - State	1/30/2008	875,000.00	1,617,749.81	2,983,088.14	-	-	(133,994.68)	47,164.53	6,512,669.51	-
E1730	E1652	Chemistry Endowed Chair - State	1/30/2008	125,000.00	202,218.73	393,708.54	-	-	(114,367.16)	20,932.30	5,552,114.79	-
E1732	E0377	Garretson Research Fund - State	7/2/2006	-	-	-	-	-	(48,415.99)	60,506.77	2,362,323.52	-
E9260	E9259	Arthur and Elizabeth Schoen and Anna Brown Chair in Gastroenterology - Clinical	12/4/2007	1,000,000.00	1,083,659.42	2,964,496.60	-	-	(268,488.09)	74,789.38	2,698,634.12	-
E1712	E1673	Parkinson Support Center Research Fund	12/4/2007	275,000.00	275,071.60	682,422.84	-	-	(13,692.42)	20.00	661,409.65	-
E1624	E1623	Mary Lou and Earl Kornhorst Fund - State	3/21/2006	250,000.00	260,168.56	623,379.05	-	-	(12,527.39)	3,790.09	604,733.09	-
E1651	E1647	Horn Foundation Franchising Program - State	9/26/2006	118,522.00	283,209.88	466,891.28	-	-	(9,415.90)	350.00	453,850.93	-
E1783	E1265 E1619 E1620	Friends For Michael End Chair - State	10/9/2009	500,000.00	500,000.00	1,342,877.87	-	-	(26,649.10)	16,698.02	1,293,274.91	-

E1811	E1810	Joseph and Joan McSweeney Diversity Fellowship - State	3/8/2010	499,949.99	501,887.00	1,293,792.91	-	-	(25,854.72)	32,131.47	1,251,032.67	-
E1812	E1794	Thom Zimmerman Research Fund - State	3/8/2010	299,999.82	304,215.04	748,198.83	-	-	(14,842.50)	20,007.23	720,411.48	-
E1663	E1652	Ceter For Asian Democracy	1/19/2007	1,000,000.00	1,577,306.07	3,145,759.08	-	-	(137,256.08)	27,342.40	6,670,262.09	-
E2148	E2147	SPHIS Urban Health Chair	1/19/2007	500,000.00	519,640.80	1,279,721.42	-	-	(25,389.52)	51,995.02	1,232,276.49	-
E1922	E1921	Center for Advanced Neurosurgery Chair - State	10/13/2011	200,000.00	416,642.49	753,904.22	-	-	(15,255.86)	-	734,306.79	-
				117,839,448.94	124,394,040.57	308,009,851.26	-	5,010.00	(9,058,713.32)	7,247,282.75	378,156,606.23	-

RECOMMENDATION TO THE UofL ATHLETIC ASSOCIATION BOARD OF DIRECTORS
REGARDING RENOVATIONS AT THE JIM PATTERSON BASEBALL STADIUM

Finance and Budget Committee – June 16, 2023
Board of Directors – June 16, 2023
Board of Trustees Executive and Compensation Committee - September 21, 2023

RECOMMENDATION:

The Athletic Director recommends that the Board of Directors authorize the construction and renovation of the Jim Patterson Baseball Stadium at a cost not to exceed \$3,000,000.

BACKGROUND:

Athletics is seeking approval to begin renovations to the locker room, training room, workout areas, dugouts, and overall aesthetics of the Jim Patterson Baseball Stadium. Initial construction started in August 2004 and the facility opened for play in April 2005. The stadium was renovated and expanded in 2013. Minor updates have been made through the years, but the areas mentioned above have not been updated or renovated since the original construction. Work on the project will begin as funds become available.

The cost of the project will not exceed \$3 million and is included in the state’s 6-year capital budget. The capital expense for the project will be in fiscal year 2023-24 (FY2024). There will not be an impact to the operating budget, as the project will be funded through private donations earmarked for this project.

Pursuant to the ULAA Financial Transactions Policy, the Board of Trustees must approve any athletic capital project that exceeds \$500,000.

COMMITTEE ACTION:

Passed X
Did Not Pass _____
Other _____

 ⁿ
Signature on file
Assistant Secretary

ULAA BOARD ACTION:

Passed X
Did Not Pass _____
Other _____

 ⁿ
Signature on file
Assistant Secretary

BOT Board Action:

Passed X
Did Not Pass _____
Other _____

Signature on file
Assistant Secretary

RECOMMENDATION TO THE UofL ATHLETIC ASSOCIATION BOARD OF DIRECTORS
REGARDING RENOVATIONS AT THE PLANET FITNESS KUEBER CENTER

Finance and Budget Committee – June 16, 2023
Board of Directors – June 16, 2023
Board of Trustees Executive and Compensation Committee - September 21, 2023

RECOMMENDATION:

The Athletic Director recommends that the Board of Directors authorize the renovation of the Planet Fitness Kueber Center at a cost not to exceed \$7,000,000.

BACKGROUND:

Athletics is seeking approval to begin the construction and renovation of the locker rooms, training rooms, and the meeting spaces for Women’s Basketball, Men’s Basketball and Women’s Lacrosse team spaces in the Kueber Center. The facility opened in August 2007, and was built at a cost of \$15.2 million. The facility has two training rooms to support Men’s Basketball, Women’s Basketball, and Women’s Lacrosse but these training rooms are small and outdated. The renovation will include design and installation of a hydrotherapy area that all teams will be able to access. The project will update and expand the locker rooms to better fit the needs of our current student-athletes. Since the facility opened in 2007, minimal renovations and capital improvements have occurred to the areas outlined in this project. Work on the project will begin as funding is secured and designs are complete.

The cost of the project will not exceed \$7 million and is included in the state capital budget. The project will not impact the operating budget as private donations will be used for the project. Athletics currently has \$5M committed to the project and is actively working with donors to secure the additional \$2M.

Pursuant to the ULAA Financial Transactions Policy, the Board of Trustees must approve any athletic capital project that exceeds \$500,000.

COMMITTEE ACTION:

Passed X
Did Not Pass _____
Other _____

Signature on file
Assistant Secretary

ULAA BOARD ACTION:

Passed X
Did Not Pass _____
Other _____

Signature on file
Assistant Secretary

BOT Board Action:

Passed X
Did Not Pass _____
Other _____

Signature on file
Assistant Secretary

RECOMMENDATION TO THE AUDIT, COMPLIANCE, AND RISK COMMITTEE
OF THE BOARD OF TRUSTEES CONCERNING THE CONSOLIDATED
AUDITED FINANCIAL STATEMENTS FOR YEAR ENDING JUNE 30, 2023 AND
INDEPENDENT AUDITOR'S REPORT

Audit, Compliance, and Risk Committee – October 25, 2023
Board of Trustees – October 25, 2023

RECOMMENDATION:


The President recommends that the Board of Trustees approve the Auditor's Report and Financial Statements June 30, 2023, as presented under Governmental Accounting Standards Board (GASB) 34, as [attached](#).

COMMITTEE ACTION:

Passed X

Did Not Pass _____

Other _____


Signature on file _____


Assistant Secretary _____

BOARD ACTION:

Passed X

Did Not Pass _____

Other _____


Signature on file _____

Assistant Secretary _____



UNIVERSITY OF LOUISVILLE & AFFILIATED CORPORATIONS

A Component Unit of the Commonwealth of Kentucky

**Auditor's Report & Financial Statements
June 30, 2023 & 2022**



UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
For the Years Ended June 30, 2023 and 2022

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INDEPENDENT AUDITORS' REPORT

Board of Trustees
University of Louisville and Affiliated Corporations
Louisville, Kentucky

Report on the Audit of the Financial Statements

Opinions

We have audited the accompanying financial statements of the business-type activities and the aggregate discretely presented component units of the University of Louisville and Affiliated Corporations (the University), collectively a component unit of the Commonwealth of Kentucky, as of and for the years ended June 30, 2023 and 2022, and the related notes to the financial statements, which collectively comprise University of Louisville's basic financial statements as listed in the table of contents.

In our opinion, based on our audits and the reports of the other auditors, the financial statements referred to above present fairly, in all material respects, the financial position of the business-type activities and the aggregate discretely presented component units of the University, collectively a component unit of the Commonwealth of Kentucky, as of June 30, 2023 and 2022, and the changes in financial position, and, where applicable, cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

We did not audit the financial statements of the University of Louisville Health, Inc. (UofL Health), the University of Louisville Real Estate Foundation, Inc. (ULREF) and University of Louisville Foundation, Inc. and Affiliates (the Foundation), which comprise 100% of the aggregate discretely presented component units of the University as of June 30, 2023 and 2022. Those statements were audited by other auditors whose reports thereon have been furnished to us, and our opinion on the financial statements, insofar as it relates to the amounts included for UofL Health, ULREF and the Foundation are based solely on the reports of the other auditors. The financial statements of UofL Health, ULREF and the Foundation were not audited in accordance with *Government Auditing Standards*.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of University of Louisville and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

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 Louisville's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinions. 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 Louisville'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 Louisville'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.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Management's Discussion Analysis on pages 4 through 15 and the Post-employment Benefit Information on page 75 be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with GAAS, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated October 23, 2023, on our consideration of University of Louisville's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of University of Louisville's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering University of Louisville's internal control over financial reporting and compliance.



CliftonLarsonAllen LLP

St. Louis, Missouri
October 23, 2023

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Management's Discussion and Analysis (Unaudited)
For the Years Ended June 30, 2023 and 2022

Introduction

The following discussion and analysis provides an overview of the financial position and activities of the University of Louisville and Affiliated Corporations (the University) for the years ended June 30, 2023 and 2022. Comparative information for the year ended June 30, 2021 has been provided where applicable. The affiliated corporations include the University of Louisville Research Foundation, Inc. (Research Foundation) and the University of Louisville Athletic Association (Association), both blended component units of the University. The University of Louisville Foundation, Inc., University of Louisville Real Estate Foundation, Inc., and UL Health, Inc. are discretely presented component units of the University. The financial results of the discretely presented component units are presented in columnar format along side the University's financial statements with additional information presented in the notes to the financial statements. Comments presented in the management's discussion and analysis pertain to the university and its blended component units only and should be read in conjunction with the financial statements and notes that follow this section.

The University of Louisville is a state-supported research university located in Louisville, Kentucky. It was a municipally supported public institution for many decades prior to joining the university system in 1970. The University has three campuses. The 287-acre Belknap Campus is three miles from downtown Louisville and houses eight of the university's 12 colleges and schools. The Health Sciences Campus is situated in downtown Louisville's medical complex and houses the university's health-related programs and the University of Louisville healthcare enterprise (both in and out patient). The 243-acre Shelbyhurst Campus is located in eastern Jefferson County. This campus houses business offices and technology endeavors. The University offers approximately 73 undergraduate degree programs, 80 master level graduate degree programs, 36 doctoral degree programs, and 3 professional degree programs.

The University strives to be recognized as a great place to learn, a great place to work and a great place in which to invest because we celebrate diversity, foster equity and strive for inclusion. The University of Louisville pursues excellence and inclusiveness in its work to educate and serve its community through:

- Teaching diverse undergraduate, graduate and professional students in order to develop engaged citizens, leaders and scholars.
- Practicing and applying research, scholarship and creative activity.
- Providing engaged service and outreach that improves the quality of life for local and global communities.

Component Units

The University has affiliations with corporations that are designated as discretely presented component units due to the nature of the corporation's activities and operations. A description of the discretely presented component units of the University follows:

University of Louisville Foundation, Inc. (Foundation): The Foundation acts primarily as a fundraising organization to supplement the resources available to the University in support of its programs. The majority of the Foundation's assets relate to investments held for the benefit of the University, which were \$921.5 million as of June 30, 2023.

University of Louisville Real Estate Foundation, Inc. (ULREF): The ULREF is a nonprofit corporation formed with the purpose to acquire, maintain, improve, leverage, manage, lease and convey real and personal property for the benefit of the University.

UL Health, Inc. (UL Health): UL Health is a nonprofit corporation with the purpose to support the university and its school of medicine along with providing patient care.

All discretely presented component units have separate and independent governing boards. The University's Board of Trustees does not provide governance or administrative oversight for the discretely presented component units.

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Management's Discussion and Analysis (Unaudited)
For the Years Ended June 30, 2023 and 2022

The University received Federal stimulus funds totaling \$70.5 million through the Higher Education Emergency Relief Fund (HEERF) to help lessen the burden of additional cost and lost revenues brought on by the Pandemic and to provide aid to students. The funds were utilized over the 2020, 2021, and 2022 fiscal years.

The operations of the University have changed and evolved to meet the circumstances of a changing society. Further adaptive measures are anticipated to meet the needs of students, faculty, staff and the community as the Pandemic unfolds in the future.

The University adopted GASB standards No.94 - *Private and Public-Public Partnerships and Availability Payment Arrangements*, and No. 96 *Subscription-Based Information Technology Arrangements* during the current year. Implementation was not applied to the prior period presented due to the inability to calculate the effect of the accounting change. Instead, the beginning net position of the current year was restated. The new accounting standards resulted in new right-to-use assets, liabilities, and deferred inflows of assets related to contracts. Notes 1, 10, and 14 provide explanation and detail of the accounting changes.

Using the Financial Statements

The University's financial report includes the Statements of Net Position; the Statements of Revenues, Expenses, and Changes in Net Position; and the Statements of Cash Flows. These financial statements are prepared in accordance with Governmental Accounting Standards Board (GASB) principles, which establish standards for external financial reporting for public colleges and universities.

Statements of Net Position

The statements of net position present a snapshot of financial position of the University at the end of the fiscal year and include all assets, deferred outflows of resources, liabilities and deferred inflows of resources. Items on the Statements of Net Position are generally measured using current values with the exception of capital assets which are stated at historical cost less accumulated depreciation. The change in net position indicates whether the University accumulated or consumed resources during the year.

A condensed version of the University's assets, liabilities, and net position at June 30, 2023, 2022, and 2021 (in thousands) is summarized below:

	2023	2022	2021 (Restated)	2023-2022 Change	2022-2021 Change
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES					
Current assets	\$ 462,059	\$ 436,636	403,803	\$ 25,423	\$ 32,833
Noncurrent assets	852,078	828,521	834,362	23,557	(5,841)
Right-to-use assets, net	75,302	61,435	64,029	13,867	(2,594)
Capital assets, net	1,054,040	1,065,750	1,069,819	(11,710)	(4,069)
Deferred outflows of resources	20,299	19,129	17,305	1,170	1,824
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	2,463,778	2,411,471	2,389,318	52,307	22,153
LIABILITIES AND DEFERRED INFLOWS OF RESOURCES					
Current liabilities	199,303	197,415	201,020	1,888	(3,605)
Noncurrent liabilities	481,557	454,663	459,907	26,894	(5,244)
Deferred inflows of resources	708,943	719,905	742,119	(10,962)	(22,214)
TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES	1,389,803	1,371,983	1,403,046	17,820	(31,063)

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Management's Discussion and Analysis (Unaudited)
For the Years Ended June 30, 2023 and 2022

	2023	2022	2021 (Restated)	2023-2022 Change	2022-2021 Change
NET POSITION					
Net investment in capital assets	782,237	792,372	800,249	(10,135)	(7,877)
Restricted - nonexpendable	1,905	1,831	1,868	74	(37)
Restricted - expendable	74,031	67,387	73,377	6,644	(5,990)
Unrestricted	215,802	177,898	110,778	37,904	67,120
TOTAL NET POSITION	1,073,975	1,039,488	986,272	34,487	53,216
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION					
	\$ 2,463,778	\$ 2,411,471	\$ 2,389,318	\$ 52,307	\$ 22,153

Assets

Current assets consist primarily of cash, loans, accounts and contributions receivable, inventories, due from affiliates and investments held with the Foundation. The increase in current assets of \$25.4 million for the year ended June 30, 2023 as compared to June 30, 2022 is mainly attributed to an increase in accounts receivable of \$35.8 million, offset by a decrease in short-term investments of \$13.3 million. Due to the interest rate environment, the University shifted to long-term investment vehicles which caused the decrease in short-term investments in fiscal year 2023..

Noncurrent assets increased \$25.7 million in fiscal year 2023. Almost all noncurrent asset categories experienced significant increases or decreases. In an effort to maximize investment returns long-term investments increased by \$26.8 million. The implementation of subscription-based arrangements accounting changes increased right-to-use assets by \$13.9 million. These are offset by a reduction in restricted cash and cash equivalents of \$15.0 million for the usage of funds restricted for capital purchases.

In fiscal year 2022, current assets increased \$32.8 million this is mainly attributed to an increase in cash and equivalents of \$14.3 million, an increase of \$40.0 million in short-term investments, offset by a reduction of \$16.1 million in due from affiliates. The reduction in due from affiliates is a shift between current and noncurrent receivables represents investments that were liquidated and are now invested in cash equivalents at the University.

Noncurrent assets decreased \$12.5 million in fiscal year 2022. The majority of the decrease is attributed to a decrease in restricted cash of \$29.0 million along with a decrease in accounts receivable of \$10.4 million. Long-term investments increased \$20.1 million which helped minimized the overall decrease year over year.

Deferred Outflows of Resources

Deferred outflows of resources represent a consumption of net assets applicable to a future period. These balances consist primarily of losses on bond refinancing that will be amortized to interest expense over the life of the refinanced debt and of future payments to be made for other postretirement employment benefits (OPEB). In fiscal year 2023, deferred outflows increased \$1.2 million to \$20.3 million as compared to \$19.1 million as of June 30, 2022.

The increase in deferred outflows of resources as of June 30, 2022 was \$1.8 million over the balance of \$17.3 million as of June 30, 2021.

Liabilities

Current liabilities increased by \$1.9 million in fiscal year 2023 as compared to 2022. The operating line of credit of \$9.0 million converted to a long-term note payable which moved a majority of the balance to noncurrent liabilities. This reduction was offset by an increase in unearned revenues of \$3.6 million and subscription-based arrangements of \$5.9 million.

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Management's Discussion and Analysis (Unaudited)
For the Years Ended June 30, 2023 and 2022

Noncurrent liabilities decreased \$26.9 million during fiscal year 2023. Noncurrent liabilities consist primarily of unearned revenues, post-retirement benefits, and the portion of bonds, notes, and leases payable in excess of one year. Significant contributors to the increase were unearned revenues with an increase of \$36.2 million and subscription-based arrangements with an increase of \$12.5 million. These were offset by reductions in all other noncurrent liability categories.

Current liabilities decreased by \$3.6 million in fiscal year 2022 as compared to 2021. Accounts payable and accrued liabilities and unearned revenue comprise 79% of total current liabilities and decreased by \$9.4 million while current bonds and notes payable increased by \$5.7 million during fiscal year 2022. The \$5.2 million decrease in noncurrent liabilities during fiscal year 2022 primarily is due to the reduction of noncurrent bonds and notes payable of \$6.1 million.

Deferred Inflows of Resources

Deferred inflows of resources represent an acquisition of net position that applies to future periods. Deferred inflows decreased by \$11.0 million during fiscal year 2023. The most significant decrease is attributed to future revenues from leased assets of \$15.4 million and an increase in other post-retirement deferred inflows of \$5.9 million from assumptions used in the calculation of the OPEB liability.

In fiscal year 2022, deferred inflows of resources decreased \$22.2 million, which was attributed to decreases in future revenues from lease assets of \$15.2 million and changes in the assumptions used in the calculation of the OPEB liability of \$4.0 million

Net Position

In fiscal year 2023, net position increased \$34.5 million. The University continues to strengthen its net position through operational diligence and improvements. The University benefited from an increase in unrestricted net position of \$37.9 million and restricted expendable net position of 6,644 but was negatively impacted by a reduction of \$10.1 million in capital assets.

In fiscal year 2022, net position increased \$53.2 million. This increase is a result of an increased in unrestricted net position of 67,120, which was offset by a decrease in of \$7.9 million in capital assets and a reduction of \$6.0 million in restricted expendables

Statements of Revenues, Expenses, and Changes in Net Position

The University's condensed statements of revenues, expenses, and changes in net position for the years ended June 30, 2023, 2022, and 2021 (in thousands) are summarized below:

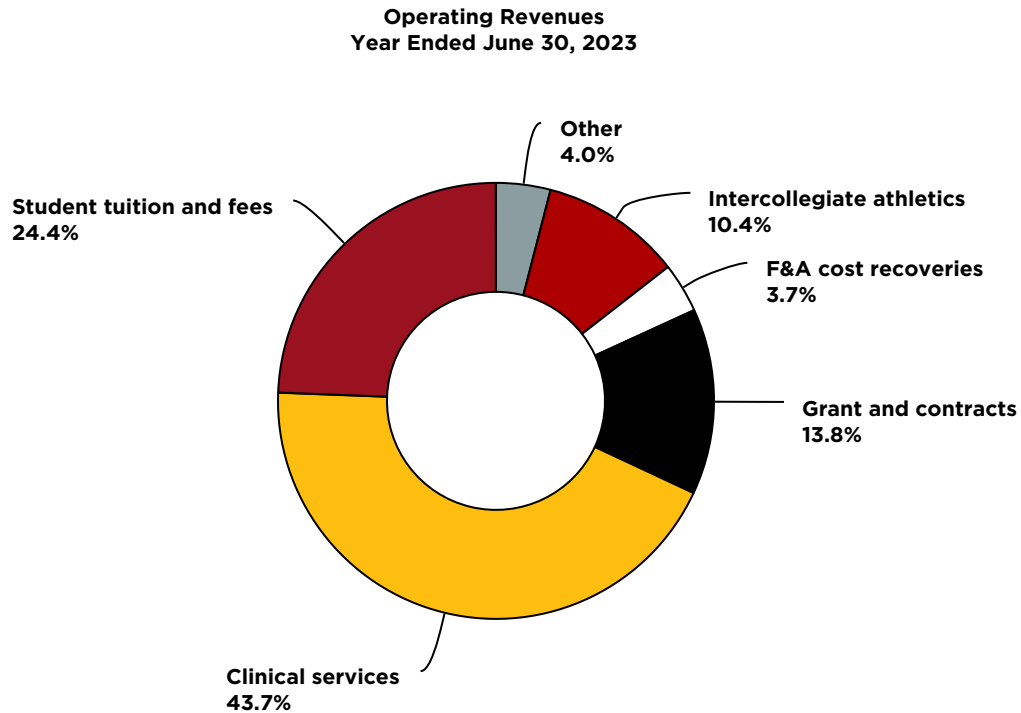
	2023	2022	2021 (Restated)	2023-2022 Change	2022-2021 Change
OPERATING REVENUES					
Student tuition and fees, net	\$ 227,520	\$ 240,060	\$ 231,505	\$ (12,540)	\$ 8,555
Clinical services and practice plan	407,158	404,628	388,069	2,530	16,559
Grants and contracts	128,518	132,023	107,418	(3,505)	24,605
Facilities and administrative cost recoveries	34,381	38,714	32,434	(4,333)	6,280
Intercollegiate athletics	97,495	96,940	62,384	555	34,556
Other	37,526	35,167	28,373	2,359	6,794
TOTAL OPERATING REVENUE	932,598	947,532	850,183	(14,934)	97,349
OPERATING EXPENSES					
Depreciation	67,089	61,983	63,128	5,106	(1,145)
Other	1,142,860	1,140,773	994,553	2,087	146,220
TOTAL OPERATING EXPENSE	1,209,949	1,202,756	1,057,681	7,193	145,075

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Management's Discussion and Analysis (Unaudited)
For the Years Ended June 30, 2023 and 2022

	2023	2022	2021 (Restated)	2023-2022 Change	2022-2021 Change
NONOPERATING REVENUES (EXPENSES)					
State appropriations	147,718	131,725	125,420	15,993	6,305
Other nonoperating revenues	165,057	176,715	152,904	(11,658)	23,811
TOTAL NONOPERATING REVENUE/ (EXPENSES)	312,775	308,440	278,324	4,335	30,116
INCREASE/(DECREASE) IN NET POSITION	35,424	53,216	70,826	(17,792)	(17,610)
Net position - beginning of year	1,039,488	986,272	915,446	53,216	70,826
Cumulative effect of change in accounting principle	(937)	\$ —	\$ —	\$ —	\$ —
Net position - end of year	\$ 1,073,975	\$ 1,039,488	\$ 986,272	\$ 35,424	\$ 53,216

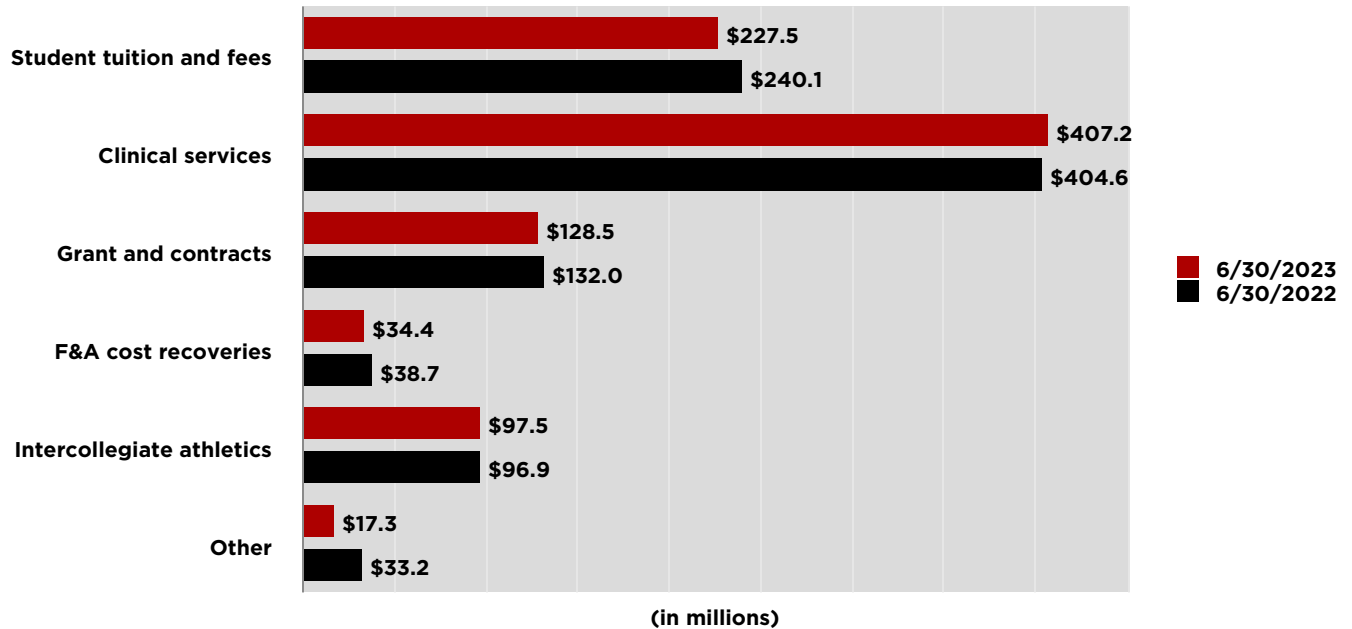
Operating Revenues

The following is a graphic illustration of revenues by source that are used to fund the University's operating activities for the years ended June 30, 2023 and 2022:



UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Management's Discussion and Analysis (Unaudited)
For the Years Ended June 30, 2023 and 2022

Operating Revenue Trends



Revenues from tuition, clinical services, certain grants and contracts, intercollegiate athletics and auxiliary services are classified as operating revenues. While still an important source of support for University academic programs, other revenue sources, such as state appropriations, gifts, and contributions from the Foundation are considered non-operating revenues as defined by GASB.

Student tuition and fees, net of allowances for scholarships and fellowships were \$227.5 million and \$240.1 million, or 24.4% and 25.4% of total operating revenues for the years ended June 30, 2023 and 2022, respectively. Rates of scholarship and fellowship assistance provided by the University generally change at the same rate as tuition, though the types and number of students accepting financial aid can vary. Enrollment for the fall and spring semesters of fiscal year 2023 were stable and reflected the University's successful recruiting and retention efforts.

Clinical services and practice plan revenue amounted to \$407.2 million and \$404.6 million, or 43.7% and 42.8% of total operating revenues for fiscal years 2023 and 2022, respectively. These revenues relate to patient care performed in clinics under contractual arrangements with governmental and private insurers, laboratory services, clinical support provided to affiliated hospitals, and the University's professional practice plan arrangements. The slight increase for 2023 totaling \$2.5 million is from changes in volumes and reimbursements.

Revenue from operating grants and contracts totaled \$128.5 million and \$132.0 million for the years ended June 30, 2023 and 2022, respectively, an decrease of \$3.5 million. The decrease is attributed to a reduction in nongovernmental grants and contracts of \$3.2 million

The University's grants and contracts from government and private sources normally provide for the recovery of indirect or overhead costs. Facilities and administrative (F&A) cost recoveries were \$34.4 million and \$38.7 million for the years ended June 30, 2023 and 2022, respectively. F&A cost recovery revenues generally follow the trend in direct cost revenues and expenditures.

Revenues for intercollegiate athletics were \$97.5 million for the year ended June 30, 2023, an increase of \$555 thousand from \$96.9 million for the year ended June 30, 2022. Auxiliary revenues from housing and parking also increased by \$3.2 million during the year ended June 30, 2023 as compared to the year ended June 30, 2022.

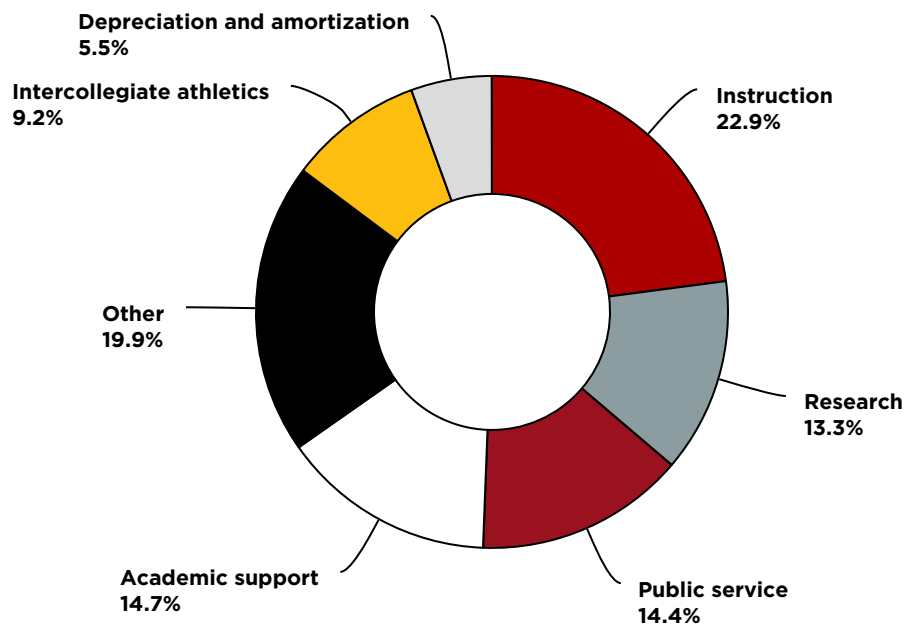
UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
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Operating revenues increased \$97.3 million in fiscal year 2022 over fiscal year 2021. The most significant increases coming from clinical services and practice plan of \$16.6 million due to increased programmatic support and tuition and fees of \$8.6 million due to an increase in the tuition rate. Overall, revenues from grants and contracts increased \$24.6 million with the most significant increase being recorded in federal grants and contracts of \$15.0 million while state and local grants and contracts contributed \$7.2 million to the overall increase.

Operating Expenses

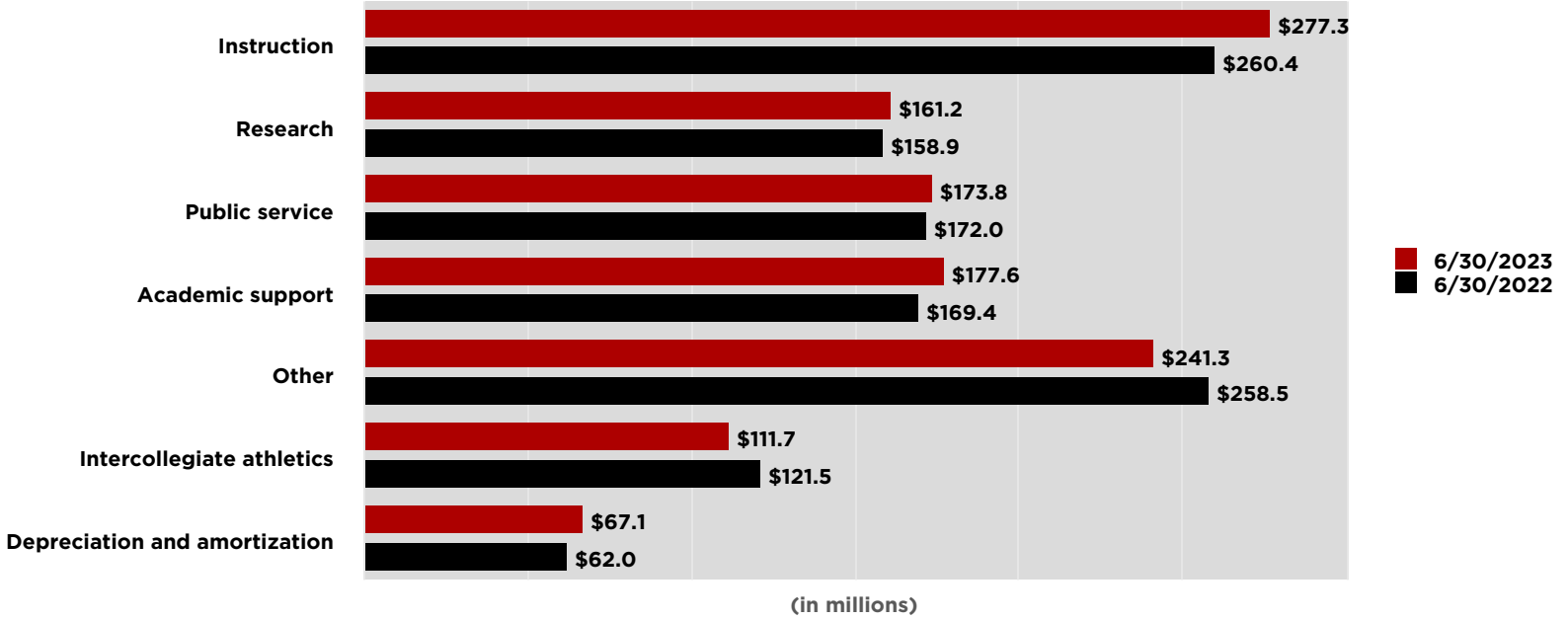
Graphic illustrations of total expenses by functional and natural classifications for the years ended June 30, 2023 and 2022 are summarized below:

Operating Expenses by Functional Classification
Year Ended June 30, 2023

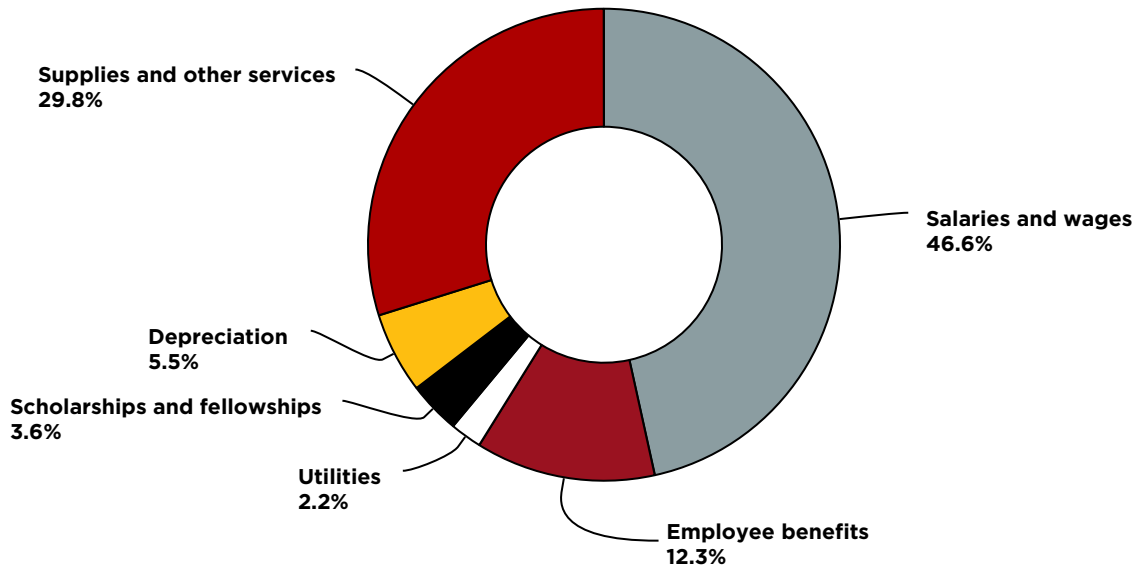


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Functional Expense Trends

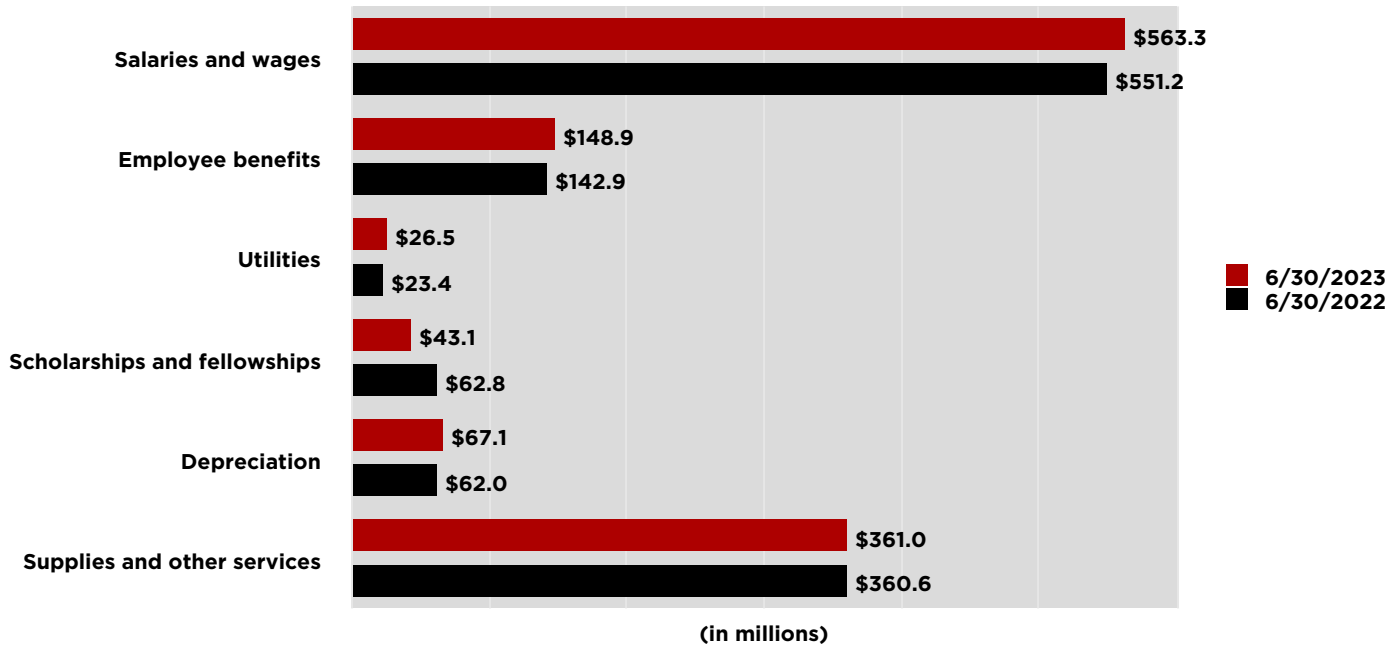


Operating Expenses by Natural Classification
Year Ended June 30, 2023



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Natural Expense Trends



Operating expenses were \$1.21 billion and \$1.20 billion and exceeded operating revenues by \$277.4 million and \$255.2 million for the years ended June 30, 2023 and 2022, respectively. In fiscal year 2023, operating expenses increased \$7.2 million or 0.6%. Expenses in most functional classifications increased, the most significant being instruction of \$16.9 million and academic support of \$8.1 million.

Increases in salaries and wages and related employee benefits totaled \$18.2 million and accounts for a majority of operating cost increases. The allocation of more scholarship and fellowship cost to discount (based on sources of funds) reduced the natural expense classification by \$19.7 million

Operating expenses increased \$145.1 million in fiscal year 2022 over fiscal year 2021. The dramatic increase is attributed to the bounce back in campus and athletic operations after pandemic shut downs. The most significant increases were in public service of \$24.4 million, instruction of \$19.0 million, and intercollegiate athletics of \$37.3 million

Nonoperating Revenues (Expenses)

Nonoperating revenue and expenses, net, experienced an overall increase of \$0.1 million in fiscal year 2023. State appropriations increased by \$16.0 million. Investment income increased by \$9.4 million as interest rates increases helped boost earnings. Contributions from the Foundation increased by \$12.4 million as a result of increased utilization of gift and endowment funds, Contracts declined by \$28.4 million as the University did not receive HEERF funds during fiscal year 2023.

Nonoperating revenue and expenses, net, increased \$28.6 million in fiscal year 2022. This increase is attributed to the growth in gifts and donations of \$11.9 million, state appropriations of \$6.3 million, and nonexchange grants and contracts of \$8.1 million,

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Statements of Cash Flows

The statements of cash flows provide additional information about the University's financial results by reporting the major sources and uses of cash. The condensed statements of cash flows for the years ended June 30, 2023, 2022, and 2021 (in thousands) are summarized below:

	2023	2022	2021 (Restated)	2023-2022 Change	2022-2021 Change
CASH (USED)/PROVIDED BY:					
Operating activities	\$ (264,982)	\$ (220,574)	\$ (161,306)	\$ (44,408)	\$ (59,268)
Noncapital financing activities	326,726	313,393	267,468	13,333	45,925
Capital and related financing activities	(77,397)	(47,294)	(25,514)	(30,103)	(21,780)
Investing activities	(4,800)	(60,197)	(9,166)	55,397	(51,031)
NET (DECREASE)/INCREASE IN CASH EQUIVALENTS	(20,453)	(14,672)	71,482	(5,781)	(86,154)
Cash and cash equivalents - beginning of year	247,966	262,638	191,156	(14,672)	71,482
CASH AND CASH EQUIVALENTS- END OF YEAR	\$ 227,513	\$ 247,966	\$ 262,638	\$ (20,453)	\$ (14,672)

Total cash and cash equivalents decreased by \$20.5 million during fiscal year 2023 due to increased cost of operations and holding additional funds in investments. Cash used in operations increased by \$44.4 million in fiscal year 2023 as compared to fiscal year 2022 as a result of the effects of the full on-campus operations and cost increases for labor, supplies and goods.

Net cash provided by noncapital financing activities increased \$13.3 million, providing \$326.7 million in fiscal year 2023 as compared to \$313.4 million in fiscal year 2022. The largest contributor to this increase was state appropriations increasing \$16.0 million from fiscal year 2022.

The University consumed \$77.4 million in cash for capital and related financing during fiscal year 2023, which was an increase of \$30.1 million from prior year.

Investing activities resulted in a usage of cash of \$4.8 million during fiscal year 2023. The net increase in usage is a result of \$15.8 million more of investment purchases over maturities.

Total cash and cash equivalents decreased \$14.7 million in fiscal year 2022 as compared to fiscal year 2021. Cash used by operating activities increased \$59.3 million as a result of returning to full on-campus operations and increasing cost for all operational categories. Cash provided by noncapital financing activities increased \$45.9 million. Contributions from affiliated accounted for \$13.2 million of the increase and other activities increased \$15.2 million. Cash consumed by capital and financing activities was increased by \$21.8 million in fiscal year 2022 as compared to fiscal year 2021. Capital assets constructed or purchased increased accounted for this increase with the construction of the dormitory.

Capital Asset Activities

A critical factor in sustaining the quality of the University's academic and research programs and residential life is the development and maintenance of its capital assets. The University continues to invest in new facilities and renovate existing facilities to meet the needs of students, faculty and staff. Infrastructure and building projects completed during the year are offset by depreciation of these assets. The University's capital assets, net of depreciation, decreased by \$11.7 million.

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The most significant capital projects and acquisitions completed during the fiscal year ended June 30, 2023 are listed below (in millions):

Project	Capitalized Cost
New Residence Hall #2	\$ 39.8
IT Network Center	5.0

The University is undertaking a significant asset preservation project directed toward improving campus safety, and preservation of education and general facilities. The University was allotted \$81.9 million from the State to be received in two equal installments over two budget years.

Significant projects identified in the asset preservation project and other campus construction plans in progress, or in early planning stages (in millions):

Project	Estimated Budget
JB Speed School Building Construction	\$ 75.0
Replace HVAC various buildings	25.0
Purchase next generation ERP Support System	20.0
Biocontainment Laboratory Pressurization Upgrade	10.8
Roof replacements various buildings	4.2
Security system and camera upgrade	3.6
Steam Plant Tunnel Structure & Cooling Tower	1.8

Debt and Financing Activities

As of June 30, 2023, the University had outstanding \$305.4 million of bonds, leases, and notes payable (inclusive of discounts/premiums) as compared to \$309.7 million as of June 30, 2022. The \$0.3 million decrease represents the net of paid principal of long term debts offset by new contractual financing obligations entered into during the current fiscal year.

Economic Factors That May Affect the Future

Higher education faces many challenges in the years to come. Shifts in the number and ethnicity of graduating high school students; declining numbers of males attending college; and ideological clashes — including over the perceived benefits of a college education—may all impact the industry. Financial steadiness is important during these times and maintaining a solid financial foundation is key to the University's future success. The University takes these factors into consideration and attempts to incorporate contingencies and mitigating strategies as part of the budgeting and planning process. The fiscal year 2023-2024 operating budget can be found online at: <https://louisville.edu/finance/budget/opuds/2224/operating-budget-book-fy-2024>

Enrollment is a primary focus of the University because approximately one-fourth of operating revenues are generated from students in the form of tuition and fees, housing, and dining plans. While this risk exposure is prevalent to all universities and colleges, the University is actively engaged in activities to address the demographic enrollment cliff and ensure steady, and possibly improved, future enrollment streams. The University's plan includes the following:

- a. Creating a Demographic 25 Steering Committee to formulate ways to mitigate the expected drop in enrollment eligible graduates.
- b. Expanding recruitment efforts to out-of-state markets.
- c. Establishing new student financial aid programs.

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- d. Partnering with employers to connect offered academic programs to needed credentials and training for their employees and their dependents.
- e. Focusing on retention efforts at all stages of a student's educational journey is a priority to the University as demonstrated through expanded scholarship programs, additional support services and expanded mental health services.

State operating budget support has increased due to the state performance funding model. The University continues to outpace the sector average in the performance model and received additional state funding of \$14.0 million for fiscal year 2023. The state also continues to support the the University's capital projects for asset preservation, renovation and maintenance projects and will appropriate \$81.9 million during fiscal years 2023 and 2024. In addition, the state appropriated bond funds of \$65.0 million to construct a new building for the School of Engineering.

The University's 2023-2025 strategic plan, addresses how the university ensures student success, creates and supports a thriving workplace and how it connects with the community. The University designs its planning and budgeting to support the strategic plan but retains flexibility to meet possible future plan changes.

Requests for Information

This financial report is designed to provide a general overview of the University's finances and to show the University's accountability for the money it receives. Questions about this report and requests for additional financial information should be directed to the Controller, University of Louisville, Louisville, KY 40292.

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Statements of Net Position
As of June 30, 2023 and 2022
(in thousands)

	University of Louisville		Discretely Presented Component Units	
	2023	2022	2023	2022
ASSETS				
Current assets				
Cash and cash equivalents	\$ 215,518	\$ 220,996	\$ 301,559	\$ 216,929
Short-term investments	34,558	47,809	249,176	335,991
Deposit with bond trustee and escrow agent	14,697	33	—	—
Loans, accounts and contributions receivable, net	149,164	113,344	361,750	338,654
Due from affiliates	27,627	36,880	13,699	18,619
Inventories	6,285	5,627	54,649	54,120
Investments held with University of Louisville Foundation, Inc.	3,537	3,400	—	—
Other assets	10,673	8,547	180,825	158,183
Total current assets	462,059	436,636	1,161,658	1,122,496
Noncurrent assets				
Restricted cash and cash equivalents	11,996	26,970	—	—
Deposit with bond trustee and escrow agent	15,413	14,946	—	—
Loans, accounts and contributions receivable, net	733,467	712,437	—	4,926
Due from affiliates	13,262	25,625	—	—
Other long-term investments	76,245	46,865	1,024,641	987,448
Right-to-use assets, net	75,302	61,435	506,206	534,267
Other long-term assets	1,695	1,678	106,864	208,815
Capital assets, net	1,054,040	1,065,750	565,215	492,974
Total noncurrent assets	1,981,420	1,955,706	2,202,926	2,228,430
Total assets	2,443,479	2,392,342	3,364,584	3,350,926
DEFERRED OUTFLOWS OF RESOURCES	20,299	19,129	—	—
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	\$ 2,463,778	\$ 2,411,471	\$ 3,364,584	\$ 3,350,926

See notes to financial statements

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Statements of Net Position
As of June 30, 2023 and 2022
(in thousands)

	University of Louisville		Discretely Presented Component Units	
	2023	2022	2023	2022
LIABILITIES				
Current liabilities				
Accounts payable and accrued liabilities	113,212	113,262	250,094	197,126
Line of credit	—	9,000	—	—
Unearned compensation and wages payable	1,145	1,120	87,380	103,930
Unearned revenue	45,600	42,019	—	45,012
Due to affiliate	—	—	31,488	39,157
Lease payable	4,629	4,832	33,156	35,228
Subscription-based arrangements	5,936	—	—	—
Bonds and notes payable	28,781	27,182	17,338	10,548
Total current liabilities	199,303	197,415	419,456	431,001
Noncurrent liabilities				
Note payable to University of Louisville Foundation, Inc.	1,000	1,000	—	—
Unearned compensation and wages payable	1,386	2,144	—	—
Deposits	1,057	1,769	—	—
Unearned revenue	42,184	5,945	—	—
Amounts due to federal government for student loan programs	13,758	16,335	—	—
Due to affiliate	—	—	18,241	36,870
Other post-retirement benefits	79,415	85,940	—	—
Other long-term liabilities	—	2,045	15,182	16,507
Lease payable	53,695	56,992	507,309	512,140
Subscription-based arrangements	12,491	—	—	—
Bonds and notes payable	276,571	282,493	498,980	526,679
Total noncurrent liabilities	481,557	454,663	1,039,712	1,092,196
Total liabilities	680,860	652,078	1,459,168	1,523,197
DEFERRED INFLOWS OF RESOURCES	708,943	719,905	—	—
NET POSITION				
Net investment in capital assets	782,237	792,372	—	—
Restricted:				
Nonexpendable	1,905	1,831	491,695	636,969
Expendable	74,031	67,387	447,462	288,012
Unrestricted	215,802	177,898	966,259	902,748
Total net position	1,073,975	1,039,488	1,905,416	1,827,729
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION	\$ 2,463,778	\$ 2,411,471	\$ 3,364,584	\$ 3,350,926

See notes to financial statements

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Statements of Revenues, Expenses, and Changes in Net Position
For the Years Ended June 30, 2023 and 2022
(in thousands)

	University of Louisville		Discretely Presented Component Units	
	2023	2022	2023	2022
OPERATING REVENUES				
Gross tuition and fees	\$ 339,998	\$ 335,805	\$ —	\$ —
Less: scholarship allowance	(112,478)	(95,745)	—	—
Student tuition and fees, net	227,520	240,060	—	—
Clinical services and practice plan	407,158	404,628	—	—
Patient service revenue	—	—	2,168,675	2,023,518
Federal grants and contracts	97,210	97,217	—	—
State and local grants and contracts	16,069	16,370	—	—
Nongovernmental grants and contracts	15,239	18,436	—	—
Sales and services of educational departments	3,357	1,884	—	—
Facilities and administrative cost recoveries	34,381	38,714	—	—
Auxiliary enterprises, net of discount of \$2,434 in 2023 and \$2,190 in 2022	20,180	16,961	—	—
Intercollegiate athletics	97,495	96,940	—	—
Other operating revenue	13,989	16,322	272,472	208,718
Total operating revenue	932,598	947,532	2,441,147	2,232,236
OPERATING EXPENSES				
Instruction	277,290	260,430	—	—
Research	161,236	158,936	—	—
Public service	173,793	172,005	—	—
Academic support	177,562	169,431	—	—
Student services	38,788	35,894	—	—
Institutional support	85,536	90,985	2,331,331	2,028,753
Operation and maintenance of plant	66,901	64,502	—	—
Scholarships and fellowships	39,483	58,654	—	—
Auxiliary enterprises	10,576	8,400	—	—
Intercollegiate athletics	111,695	121,536	—	—
Depreciation and amortization	67,089	61,983	58,169	55,766
Contributions to affiliates	—	—	67,874	56,161
Total operating expense	1,209,949	1,202,756	2,457,374	2,140,680
Operating (loss) revenue	(277,351)	(255,224)	(16,227)	91,556

See notes to financial statements

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Statements of Revenues, Expenses, and Changes in Net Position
For the Years Ended June 30, 2023 and 2022
(in thousands)

	University of Louisville		Discretely Presented Component Units	
	2023	2022	2023	2022
NONOPERATING REVENUES (EXPENSES)				
State appropriations	147,718	131,725	—	—
Gifts and donations	37,447	33,220	46,637	50,310
Nonexchange grants and contracts	55,787	84,180	—	—
Contributions from University of Louisville Foundation, Inc.	56,858	44,481	—	—
Investment income	10,355	941	65,522	(32,792)
Realized and unrealized gain on investments	597	(1,436)	—	—
Interest expense	(13,028)	(11,060)	—	—
Other nonoperating revenue (expense)	2,386	15,959	(18,245)	(35,610)
Net nonoperating revenue	298,120	298,010	93,914	(18,092)
Income after other revenue, expense, gains and losses	20,769	42,786	77,687	73,464
Capital appropriations	5,781	169	—	—
Capital gifts	8,874	10,261	—	—
Total other revenue	14,655	10,430	—	—
Increase in net position	35,424	53,216	77,687	73,464
NET POSITION				
Net position - beginning of year	1,039,488	986,272	1,827,729	1,754,265
Cumulative effect of change in accounting principle	(937)	—	—	—
Net position - end of year	\$ 1,073,975	\$ 1,039,488	\$ 1,905,416	\$ 1,827,729

See notes to financial statements

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Statements of Cash Flows
For the Years Ended June 30, 2023 and 2022
(in thousands)

	2023	2022
CASH FLOWS FROM OPERATING ACTIVITIES		
Student tuition and fees	\$ 223,584	\$ 242,031
Clinical services and practice plan	351,063	389,095
Grants and contracts	138,902	134,296
Sales and services of educational departments	3,357	1,884
Payments to suppliers, vendors and contractors	(354,116)	(349,646)
Payments for utilities	(26,431)	(23,223)
Payments to employees	(563,610)	(555,038)
Payments for benefits	(161,945)	(148,212)
Payments for scholarships and fellowships	(43,100)	(62,758)
Net (loans issued to students)/payments received from students	3,101	(4,902)
Auxiliary enterprises	20,239	14,428
Facilities and administrative cost recoveries	34,381	38,714
Intercollegiate athletics	106,369	92,599
Other receipts	3,224	10,158
Net cash used by operating activities	(264,982)	(220,574)
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES		
State appropriations	147,718	131,725
Gifts	35,812	32,392
Nonexchange grants and contracts	55,787	84,180
Contributions from related entities	55,948	44,898
Due from affiliates	22,108	3,608
Other noncapital financing activities	9,353	16,590
Net cash provided by noncapital financing activities	326,726	313,393
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Capital appropriations received	5,781	169
Capital gifts received	1,908	9,629
Purchases of capital assets	(52,120)	(54,449)
Proceeds from issuance of bonds, notes payables, and contracts	13,819	21,363
Payment of issuance costs	—	—
Principal paid on bonds and notes payable	(25,680)	(19,701)
Interest paid on bonds, notes payable, and contracts	(14,134)	(12,597)
Deposits with bond trustee and escrow agent	(15,761)	(83)
Other capital financing	8,790	8,375
Net cash used by capital and related financing activities	(77,397)	(47,294)
CASH FLOWS FROM INVESTING ACTIVITIES		
Proceeds from sales and maturities of investments	621,442	968,765
Purchase of investments	(637,226)	(1,030,391)
Interest on investments	10,984	1,429
Net cash used by investing activities	(4,800)	(60,197)
Net increase/(decrease) in cash and cash equivalents	(20,453)	(14,672)
Cash and cash equivalents - beginning of year	247,966	262,638
CASH AND CASH EQUIVALENTS- END OF YEAR	\$ 227,513	\$ 247,966

See notes to financial statements

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Statements of Cash Flows
For the Years Ended June 30, 2023 and 2022
(in thousands)

	2023	2022
RECONCILIATION OF NET OPERATING LOSS TO NET CASH USED BY OPERATING ACTIVITIES		
Operating loss	\$ (277,351)	\$ (255,224)
Adjustments to reconcile operating loss to net cash used by operating activities:		
Depreciation and amortization	67,089	61,983
Loss on equipment disposals	3,827	1,737
Change in assets and liabilities:		
Loans, accounts and contributions receivable	(65,640)	4,828
Inventories	(658)	651
Other assets	(2,144)	1,131
Other long-term assets	114	193
Accounts payable and accrued liabilities	(1,422)	(3,419)
Unearned revenue	40,679	(8,997)
Deposits	(712)	627
Due from affiliates	419	(1,081)
Unearned compensation and wages payable	(733)	778
Other long-term liabilities	(15,626)	1,056
Deferred outflows of resources	(1,862)	(2,623)
Deferred inflows of resources	(10,962)	(22,214)
Net cash used by operating activities	\$ (264,982)	\$ (220,574)
NON CASH TRANSACTIONS:		
Accrued liabilities for capital asset additions	\$ 3,178	\$ 2,236
Gifts of capital assets	\$ 776	\$ 353
Loss on disposal of assets	\$ 3,827	\$ 1,737
Amortization of bond premium and discount	\$ (1,461)	\$ (1,976)

See notes to financial statements

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
A Component Unit of the Commonwealth of Kentucky
Notes to Financial Statements
For the Years Ended June 30, 2023 and 2022

1. Nature of Operations, Basis of Presentation and Summary of Significant Accounting Policies

The University of Louisville (University) is a state supported metropolitan research university located in Louisville, Kentucky and is a component unit of the Commonwealth of Kentucky.

The University has three campuses. The Belknap Campus is three miles from downtown Louisville and houses eight of the University's twelve colleges and schools. The Health Sciences Center is situated in downtown Louisville's medical complex and houses the University's health related programs and the University of Louisville Hospital (Hospital). On the ShelbyHurst Campus, located in eastern Jefferson County, are the National Crime Prevention Institute, the Center for Predictive Medicine regional biosafety lab and the Division of Distance and Continuing Education.

a. Basis of Presentation

As required by generally accepted accounting principles (GAAP) the financial reporting entity includes the University and all of its component units. The University's component units are either blended or discretely presented in the University's financial statements. The blended component units, although legally separate, are, in substance, part of the University's operations and, therefore, are reported as if they were part of the University. Discretely presented component units' financial data are reported in separate financial statements because of their, separation of operations and management, use of different GAAP reporting models, and to emphasize their separate legal status.

Blended Component Units

University of Louisville Athletic Association, Inc. (Association) – The Association is a Kentucky not-for-profit corporation organized in 1984 for the purpose of promoting the intercollegiate athletic activities of the University of Louisville. The Association's mission to provide quality intercollegiate athletic programs through a comprehensive sports program requires a major financial commitment of both operating and capital resources. In addition, the Association is committed to achieving athletic excellence for its student athletes, maintaining National Collegiate Athletic Association (NCAA) compliance, ensuring full implementation of gender equity plans and offering a wide variety of sports and recreational outlets for the University community, alumni, and visitors.

University of Louisville Research Foundation, Inc. (Research Foundation) – The Research Foundation was established in 1989 for the purpose of promoting and supporting research projects, investigations, and other activities relating to the educational, scientific, literary, artistic, health care and public service missions of the University.

Discretely Presented Component Units

These legally separate University associated entities have been deemed component units because of the nature and significance of their relationship with the University. All discretely presented component units have separate and independent governing boards. The University's Board of Trustees does not provide governance or administrative oversight for the discretely presented component units. The component units combined financial information is included in the accompanying financial statements. Condensed financial statement for each component unit are disclosed in Note 22.

University of Louisville Foundation, Inc. (Foundation) - The Foundation was established to receive funds derived from gifts and other sources and invest these funds on behalf of the University. The foundation holds and manages the endowment of the University. Earnings from endowed assets along with gifts are transferred to the University upon satisfaction of donor restrictions.

University of Louisville Real Estate Foundation (ULREF) - The ULREF was formed to acquire, maintain and manage real and personal property for the benefit of the University.

UofL Health, Inc. (UL Health) - UL Health is a fully integrated regional health system established to manage and operate the University's hospital assets and clinical activities of the Health Sciences Center.

UL Health is the parent corporation of two previously separately presented component units:

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University of Louisville Physicians, Inc. (ULP) - The ULP is the corporate entity that houses the clinical practices of the faculty of the University's School of Medicine.

University Medical Center, Inc. (UMC) - The UMC was established to lease and operate the acute-care teaching hospital and related medical facilities.

The financial statement presentation required by GAAP is intended to provide a comprehensive, entity-wide perspective of the University's assets, deferred outflow of resources, liabilities, deferred inflow of resources, net position, revenues, expenses, changes in net position and cash flows.

The consolidated financial statements of the University, along with the separate financial statements of the Association and the Research Foundation, can be found at the following:

<http://louisville.edu/finance/controller/univacct/finst-1>

b. Cash and Cash Equivalents

The University considers all highly liquid investments (not held for long-term purposes) with original maturities of three months or less to be cash equivalents.

Restricted cash and cash equivalents include plant funds allocated for capital projects and debt service reserves.

c. Deposits With Bond Trustee and Escrow Agent

Short term deposits with bond trustee and escrow agents were \$14.7 million and \$33 thousand as of June 30, 2023 and June 30, 2022, respectively. These deposits are invested in money market funds and are related to contract arrangements. Long term deposits with bond trustee and escrow agent were \$15.4 million and \$14.9 million as of June 30, 2023 and June 30, 2022, respectively. These deposits are invested in governmental securities and repurchase agreements and are related to various bonds and contract arrangements. Investments in governmental securities are stated at market value. Repurchase agreements are stated at cost.

d. Accounts and Contributions Receivable

Accounts receivable consist of tuition and fee charges to students, auxiliary enterprise services provided to students, faculty, staff and external entities, reimbursement of costs from external entities and related foundations, charges for clinical services, and future receipts for leasing arrangements. Accounts receivable also include amounts due from the federal government, state and local governments, or private sources in connection with reimbursement of allowable expenditures made pursuant to the University's grants and contracts. Accounts receivable are recorded net of estimated uncollectible amounts.

The University records operating and capital pledges as revenue when all eligibility requirements have been met. Endowment pledges are not recognized as revenue until the gifts are received.

e. Investments and Investment Income

Investments in marketable debt and equity securities are stated at current fair value. Fair value is determined using quoted market prices. Real estate is stated at fair value if acquired for resale or otherwise used as an investment as determined on the date of acquisition. Certificates of deposit are stated at cost plus accrued interest, which approximates fair value. Investment income consists of interest and dividend income, realized gains and losses and changes in unrealized gains (losses) on the carrying value of investments.

Investments held with the Foundation are invested under the policies and objectives established for the Foundation's general endowment pool as described in Note 22, Component Unit, subsection c, University of Louisville Foundation, Inc. and Affiliates.

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f. Loans to Students

The University makes loans to students under various federal and other student loan programs. Such loans receivable are recorded net of estimated uncollectible amounts. The value of student loans, net allowance, was approximately \$0.6 million at June 30, 2023 and 2022.

g. Inventories

Inventories are valued at the lower of cost or market, under the first-in, first-out method.

h. Capital Assets

Capital assets are stated principally at cost, or estimated acquisition value at date of receipt from donors. Capital assets are depreciated using the straight-line basis over the estimated useful lives of the assets as follows: buildings - 40 years or componentized using 15-50 years, infrastructure - 60 years, land improvements - 40 years, equipment - 3-15 years, leasehold improvements - 20 years and library materials - 10 years. Assets under capital leases are amortized on the straight-line basis over the estimated useful life of the asset, or the lease term, whichever is shorter.

The University has elected to capitalize collections which include art, rare books, photographs, letters, journals, manuscripts and musical instruments. These items are capitalized at cost, or if a gift, at the acquisition value on the date of the gift.

The University does not capitalize interest cost of related borrowings as a component of construction in progress.

i. Deferred Outflows of Resources

Deferred outflows of resources are a consumption of net assets that are applicable to a future reporting period and increase net asset position similar to assets. Deferred outflows of assets of \$20.3 million and \$19.1 million for the years ended June 30, 2023 and 2022, respectively. Deferred outflow of resources consist of the following: loss on bond refinancing and amounts paid for other postemployment benefits. Deferred outflows of resources related to the loss on bond refinancing were \$1.9 million and \$2.6 million for the years ended June 30, 2023 and 2022 and will be amortized to interest expense using the effective interest method over the remaining life of the refinanced debt. Deferred outflows for other postemployment benefits of \$18.4 million and \$16.6 million for the years ended June 30, 2023 and 2022 represent amounts to be paid for retiree employee healthcare after the actuarial measurement date but before the financial reporting date.

j. Unearned Compensation Expenses

Unearned compensation expenses are recognized as expense over the term of the related employment agreements.

k. Unearned Revenue

Revenues of summer academic terms are recognized in the fiscal year earned.

Unearned revenue related to amounts received from individual and season ticket holders for subsequent year intercollegiate athletic activities, suite rentals, parking and sponsorship revenue are recognized over the term of the related athletic activities.

The University receives revenues related to sponsored agreements via grants, contracts, cooperative agreements, or other agreements. The flow of funds relative to these sponsored agreements is in the form of cost reimbursement or advanced funding.

In the case of cost reimbursement, the University incurs costs on behalf of the granting authority and is then reimbursed for such costs pursuant to the terms of the sponsored agreement. Grant revenues are recognized as reimbursable costs are incurred.

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In the case of advanced funding, the University receives funds prior to incurring costs pursuant to the sponsored agreement, with the stipulation that these funds may have to be returned to the sponsor. Grant revenues are recognized as the related grant costs are incurred.

i. Compensated Absences

University policies permit most employees to accumulate vacation and sick leave benefits that may be realized as paid time off or, in limited circumstances, as a cash payment. Expense and the related liability are recognized as vacation or sick benefits are earned, whether the employee is expected to realize the benefit as time off or in cash. Compensated absence liabilities are computed using the regular pay and termination pay rates in effect at the statement of net position date plus an additional amount for compensation-related payments such as Social Security and Medicare taxes computed using rates in effect at that date.

m. Net Bond Premium

The University amortizes net bond premium using the effective interest method over the life of the bonds.

n. Deferred Inflows of Resources

Deferred inflows of resources are an acquisition of net assets that are applicable to a future reporting period and decrease net position similar to liabilities. Deferred inflows of resources of \$708.9 million and \$719.9 million for the years ended June 30, 2023 and 2022, respectively, consist of the following: gain on bond refinancing of \$567 thousand, and \$707 thousand respectively, postemployment benefit experience and assumptions changes of \$27.0 million and \$21.2 million, respectively, future revenues from leasing arrangements of \$650.0 million and \$665.4 million, respectively, and services concession arrangements of \$31.3 million and \$32.6 million, respectively.

o. Net Position

The University's net position is summarized into four major categories as follows:

- a. Net investment in capital assets represents the University's investment in capital assets and right-to-use assets such as land, buildings, equipment, depreciable library materials, and right-to-use assets. The balances are net of accumulated depreciation and amortization, related deferred outflows and related deferred inflows of resources and debt attributable to the acquisition, construction, or improvement of those assets.
- b. Restricted-nonexpendable funds include amounts that are subject to externally imposed restrictions that require the University to maintain the assets in perpetuity. These balances are the permanent endowment for scholarships and other purposes.
- c. Restricted-expendable funds are those that are subject to externally imposed restrictions governing their use for a particular purpose or period of time. The University's most significant components in this category consist of amounts restricted for capital projects, debt service, research, and public service.
- d. Unrestricted net position results primarily from net operating income in excess of expenses. Although unrestricted net position is not subject to externally imposed stipulations, substantially all of the University's unrestricted net position has been designated for various academic programs, research initiatives, and capital projects.

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The following table includes detail of the net position balances at June 30, 2023 and 2022 (in thousands):

	2023	2022
Net investment in capital assets	\$ 782,237	\$ 792,372
Restricted - Nonexpendable		
Scholarships and fellowships	1,905	1,831
Restricted - Expendable		
Scholarships and fellowships	1,632	1,568
Research	21,046	21,103
Instruction	8,081	995
Public service	9,545	9,774
Academic support	58	5
Institutional support	9,082	13,954
Loans	2,078	2,787
Capital projects	9,060	2,216
Debt service	13,449	14,985
Unrestricted	215,802	177,898
Total net position	\$ 1,073,975	\$ 1,039,488

p. Revenue and Expense Classifications

The University has classified its revenues as either operating or nonoperating revenues according to the following criteria:

Operating revenues and expenses – Operating revenues include activities that have the characteristics of exchange transactions, meaning revenues are received in exchange for goods and services, such as tuition, clinical operations, grants and contracts, and intercollegiate activities. With the exception of interest expense, all expense transactions are classified as operating expenses.

Nonoperating revenues – Certain significant revenues relied on for fundamental operational support of the University are mandated by GASB requirements to be recorded as nonoperating revenues. Nonoperating revenues, meaning revenues received and the University provided no goods or services, include activities such as state appropriations, capital appropriations, Pell and other grants and contracts, gifts and contributions.

q. Student Tuition and Fees

Student tuition and fees are presented net of scholarship allowances in the statements of revenues, expenses and changes in net position. Scholarship allowances are the difference between the stated charge for goods and services provided by the University and the amount that is paid by students and third parties making payments on the behalf of students. To the extent that revenues from such programs are used to satisfy tuition and fees, the University has recorded a scholarship allowance. Stipends and other payments made directly to students are presented as scholarships and fellowships expense.

r. Clinical Services and Practice Plan Revenue

The University has agreements with third-party payers that provide for payments to the University at amounts different from its established rates. Net clinical services and practice plan revenues are reported at the estimated net realizable amounts from patients, third-party payers and others for the services rendered and include estimated retroactive revenue adjustments and a provision for uncollectible accounts. Retroactive adjustments are considered in the recognition of revenue on an estimated basis in the period the related services are rendered and such estimated amounts are revised in future periods as adjustments become known.

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s. Government and Nongovernment Grants

Support funded by grants is recognized as the University performs the contracted services or incurs outlays eligible for reimbursement under the grant agreements. Grant activities and outlays are subject to audit and acceptance by the granting agency and, as a result of such audit, adjustments could be made.

t. Tax Status

As a state institution of higher education, the income of the University is generally exempt from federal and state income taxes under Section 115(a) of the Internal Revenue Code and a similar provision of state law. However, the University is subject to federal and state income tax on any unrelated business taxable income.

u. Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, and deferred inflows and outflows of resources at the date of the financial statements and the reported amounts of revenues, expenses and other changes in net position during the reporting period. Actual results could differ from those estimates.

v. Reclassification of Prior Years' Financial Statements

In the statements of net position, revenue expenses and changes in net position, and cash flows certain prior year balances have been reclassified to conform to current year presentation. The reclassifications more accurately represent revenue and expense activities in the categories presented on the statements. These reclassifications had no effect on the change in net position.

w. Recent Accounting Pronouncements and Restatement

As of June 30, 2023 the following GASB Statements were implemented which had a financial or disclosure impact on the financial statements.

GASB Statement No. 94, *Public-Private and Public-Public Partnerships and Availability Payment Arrangements*. The pronouncement establishes definitions of public-private and public-public partnerships (P3) and availability payment arrangements (APA). The objective of the pronouncement is to provide guidance for the accounting and financial reporting for transactions that meet these definitions. The University has implemented GASB 94 for the period ending June 30, 2023. Changes adopted conform to the provisions of this statement and are effective from July 1, 2022 forward. A restatement of the financial statements for all prior periods presented was not practicable and the cumulative effect of applying this statement retroactively was not calculable to warrant a restatement of beginning net position.

GASB Statement No. 96, *Subscription Based Information Technology Arrangements*. This pronouncement defines subscription-based information technology arrangements (SBITA) as a contract that conveys the control of the right to use a vendor's IT software. The objective of the pronouncement is to provide guidance for the accounting and financial reporting for the resulting capital and intangible assets and associated cost. The University has implemented GASB 96 for the period ending June 30, 2023. Changes adopted conform to the provisions of this statement and are effective from July 1, 2022 forward. A restatement of the financial statements for all prior periods presented was not practicable and the cumulative effect of applying this statement retroactively was not calculable to warrant a restatement of beginning net position.

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The cumulative effect of the adoption of the accounting pronouncements on net position as of June 30, 2022 is show below (in thousands) :

Net position reported at June 30, 2022, as previously reported	\$ 1,039,488
Adjustment for P3 arrangements change in accounting	(1,333)
Adjustment for subscription-based arrangements change in accounting	<u>396</u>
Net position as of June 30, 2022, as restated	<u><u>\$ 1,038,551</u></u>

The following statements will be implemented in future reporting periods:

GASB Statement No. 101, *Compensated Absences*. The statement updates the recognition and measurement guidance for compensated absences and amends certain previously required disclosures. The Association has not yet adopted the standard and is evaluating the impact it may have on its financial statements. As of June 30, 2023 the following GASB Statements were implemented which had a financial or disclosure impact on the financial statements.

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2. Cash on Deposit and Investments

The University invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the investment amounts reported in the statements of net position. The risks related to deposits and investments held by the University are described within this disclosure.

a. Summary of Carrying Values

The value of deposits and investments as of June 30, 2023 and 2022 are as follows (in thousands):

	2023	2022
Deposits	\$ 242,211	\$ 247,999
Investments	129,753	113,020
Total	\$ 371,964	\$ 361,019

The deposits and investments shown are included in the statement of net position as follows (in thousands):

	2023	2022
Cash and cash equivalents	\$ 215,518	\$ 220,996
Short-term investments	34,558	47,809
Deposit with bond trustee - current	14,697	33
Deposit with bond trustee - noncurrent	15,413	14,946
Restricted cash and cash equivalents	11,996	26,970
Investments held with University of Louisville Foundation, Inc.	3,537	3,400
Other long-term investments	76,245	46,865
Total	\$ 371,964	\$ 361,019

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b. Custodial Credit Risk

The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty to a transaction, a government will not be able to recover the value of investment or collateral securities that are in the possession of an outside party. The University currently uses commercial banks and the Commonwealth of Kentucky (Commonwealth) as its depositories. Deposits with commercial banks are substantially covered by federal depository insurance or collateral held by the bank in the University's name. Depository accounts held with the Commonwealth are pooled with other agencies of the Commonwealth and are substantially covered by federal depository insurance or by collateral held by the Commonwealth in the Commonwealth's name. The University does not have a formal policy addressing custodial credit risk.

At June 30, 2023 and 2022, the University had deposits subject to custodial credit risk as follows (in thousands):

		2023					
		State Deposits		Overnight Investments		Total	
Collateralized with securities held by pledging financial institution	\$	—	\$	41,004	\$	41,004	
Collateralized with securities held by the Commonwealth in the Commonwealth's name		4,667		—		4,667	
Total	\$	4,667	\$	41,004	\$	45,671	

		2022					
		State Deposits		Overnight Investments		Total	
Collateralized with securities held by pledging financial institution	\$	—	\$	(140,463)	\$	(140,463)	
Collateralized with securities held by the Commonwealth in the Commonwealth's name		27,311		—		27,311	
Total	\$	27,311	\$	(140,463)	\$	(113,152)	

c. Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investments. The University's policy is to invest in U.S. government and U.S. government agency securities, commercial paper, banker's acceptances, and variable rate demand notes with a maturity not greater than three years. The University has entered into a repurchase agreement for the investment of bond fund reserves. The provider financial institution agrees to deliver U.S. Treasury obligations yielding a guaranteed rate at an amount equal to the scheduled bond fund reserve in exchange for payment from the available reserve. The final maturity under this agreement is March 1, 2027.

As of June 30, 2023 and 2022, the University had investments subject to interest rate risk as reflected in the following schedules (in thousands):

		2023						
		Total	Less than 1 year	1-5 years	6-10 years			
US Treasury obligations	\$	3,816	\$	—	\$	3,816	\$	—
US Agency obligations		86,916		30,486		56,430		—
Other government obligations		10,382		4,073		6,309		—
Repurchase agreement		15,413		—		—		15,413
Certificates of deposit		9,318		—		9,318		—
Total	\$	125,845	\$	34,559	\$	75,873	\$	15,413

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	2022			
	Total	Less than 1 year	1-5 years	6-10 years
US Agency obligations	\$ 74,465	\$ 35,016	\$ 39,449	\$ —
Other government obligations	19,646	12,794	6,852	—
Repurchase agreement	14,946	—	—	14,946
Total	\$ 109,057	\$ 47,810	\$ 46,301	\$ 14,946

d. Credit Risk

Credit risk is the risk that the issuer or other counterparty to an investment will not fulfill its obligations. By University policy, commercial paper must be rated the highest (A-1/P-1) by at least one Nationally Recognized Statistical Rating Organization (NRSRO). Banker's acceptances must be issued by a bank having a short-term rating of the underlying bank rated the highest (A-1/P-1). Variable rate demand notes must be backed by an unconditional letter of credit issued by a domestic bank having outstanding commercial paper rated the highest (A-1/P-2) by at least one rating service and by each rating service rating said credit. All commercial paper and banker's acceptances must be issued by domestic entities. The Commonwealth investment pool can invest in U.S. treasuries and agencies; commercial paper or asset backed securities rated in the highest category by a nationally recognized rating agency; certificates of deposit, banker's acceptances, state or local government securities and corporate, Yankee and Eurodollar securities rated in one of the three highest categories by a nationally recognized rating agency; shares of mutual funds (up to 10%) and state and local property tax certificates of delinquency secured by interests in real estate.

As of June 30, 2023 and 2022, the University had the following investments exposed to credit risk as reflected in schedules below (in thousands):

	2023		
	Aaa	Not Rated	Total
Annuities	\$ 372	\$ —	\$ 372
Investment held with the University of Louisville Foundation, Inc.	—	3,537	3,537
Total	\$ 372	\$ 3,537	\$ 3,909

	2022		
	Aaa	Not Rated	Total
Annuities	\$ 563	\$ —	\$ 563
Investment held with the University of Louisville Foundation, Inc.	—	3,400	3,400
Total	\$ 563	\$ 3,400	\$ 3,963

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e. Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer, excluding investments issued or explicitly guaranteed by the U.S. government and investments in mutual funds, external investment pools and other pooled investments. At June 30, 2023 and 2022, the University has no investments in any one issuer as defined above that represent 5% or more of total investments.

The asset allocation for investments held with the Foundation as of June 30, 2023 and 2022 is as follows:

	2023	2022
Investment in partnerships	53 %	54 %
Marketable alternatives	9 %	10 %
Mutual funds	24 %	21 %
Fixed income	10 %	11 %
Preferred and common stock	4 %	4 %
Total	100 %	100 %

The Foundation's investments do not have a significant concentration of credit risk within any industry or specific institution.

f. Foreign Currency Risk

This risk relates to adverse effects on the fair value of an investment from changes in exchange rates. The University had no investments denominated in foreign currency at June 30, 2023 and 2022.

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3. Fair Value Measurements

Fair value is based on an exit price, which is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Assets and liabilities reported at fair value are organized into a hierarchy based on the levels of inputs observable in the marketplace that are used to measure fair value.

Inputs are used in applying the various valuation techniques and take into account the assumptions that market participants use to make valuation decisions. Inputs may include price information, credit data, liquidity statistics, and other factors specific to the financial instrument. Observable inputs reflect market data obtained from independent sources. In contrast, unobservable inputs reflect the entity's assumptions about how market participants would value the financial instrument. A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement.

The University and the component units presented in the accompanying financial statements use the fair value hierarchy to value their financial instruments.

The following describes the hierarchy of inputs used to measure fair value and the primary valuation methodologies used for financial instruments measured at fair value on a recurring basis:

Level 1 - Prices based on unadjusted quoted prices in active markets that are accessible for identical assets or liabilities are classified as Level 1.

The University classifies certificates of deposit securities and US Treasury obligations in Level 1 of the fair value hierarchy because they are valued using prices quoted in active markets for those securities.

The component units classify mutual funds, domestic equity, and US Treasury obligations as Level 1 investments.

Level 2 - Quoted prices in the markets that are not considered to be active, dealer quotations or alternative pricing sources for similar assets and liabilities for which all significant inputs are observable, either directly or indirectly are classified as Level 2.

The University classifies other governmental obligations, U.S. agency obligations, and derivative instruments as Level 2. The evaluated prices of these investments may be determined by factors which include but are not limited to, market quotations, yields, maturities, call features, ratings, and standard pricing models using current forward rate assumptions and/or volatility to predict cash flows.

The component units classify mortgage, asset backed and corporate bonds as Level 2 investments. The fair value of the funds held in trust by others is determined at the market value of the underlying debt and equity securities held in the beneficial trust. The Foundation's fair value is determined based on the proportional beneficial interest held in the trust, with the Foundation as the sole beneficiary of the majority of the trusts. Due to the nature of the valuation inputs, the interest is classified within Level 2 of the hierarchy.

Level 3 - Investments classified as Level 3 have significant unobservable inputs as they trade infrequently or not at all. The inputs into the determination of fair value of these investments are based upon the best information in the circumstance and may require significant management judgment.

The University and component units do not have any investments classified as Level 3.

Net Asset Value (NAV) - Investments within the University of Louisville Foundation, Inc. investment fund consist of money market mutual funds, common and preferred stock, corporate bonds, mutual funds, investments in partnerships and funds of funds, equity method investments, U.S. Government securities, U.S. Treasuries and U.S. agency obligations. The Foundation has adopted a policy of maintaining a diverse investment pool through the use of targeted asset allocation guidelines. The fair value of the investments in the fund have been determined using the NAV per share (or its equivalent) of the investments.

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The table below presents the fair value measurements of assets and liabilities held by the University as of June 30, 2023 and 2022 (in thousands):

2023					
	Total	Quoted Prices in Active Markets for Identical Assets Level 1	Significant Other Observable Inputs Level 2	Significant Unobservable Inputs Level 3	Measured at NAV
Investments					
US Treasury obligations	\$ 3,816	\$ 3,816	\$ —	\$ —	\$ —
US Agency obligations	86,916	86,916	—	—	—
Other governmental obligations	10,381	—	10,381	—	—
Certificate of deposit	9,318	9,318	—	—	—
University of Louisville Foundation, Inc. investment fund	3,537	—	—	—	3,537
Total investments measured at fair value	\$ 113,968	\$ 100,050	\$ 10,381	\$ —	\$ 3,537

2022					
	Total	Quoted Prices in Active Markets for Identical Assets Level 1	Significant Other Observable Inputs Level 2	Significant Unobservable Inputs Level 3	Measured at NAV
Investments					
US Agency obligations	\$ 74,465	\$ 74,465	\$ —	\$ —	\$ —
Other governmental obligations	19,646	—	19,646	—	—
University of Louisville Foundation, Inc. investment fund	3,400	—	—	—	3,400
Total investments measured at fair value	\$ 97,511	\$ 74,465	\$ 19,646	\$ —	\$ 3,400

Investments held by the University measured at NAV (in thousands) as of June 30, 2023 and 2022 (in thousands):

2023			
	Fair Value	Redemption Frequency	Redemption Notice Period
University of Louisville Foundation, Inc. investment fund	\$ 3,537	Various from monthly to illiquid	Various from 10 to 90 days
2022			
	Fair Value	Redemption Frequency	Redemption Notice Period
University of Louisville Foundation, Inc. investment fund	\$ 3,400	Various from monthly to illiquid	Various from 30 to 180 days

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The table below presents the fair value measurements of assets and liabilities held by the discretely presented component units as of June 30, 2023 and 2022 (in thousands):

	2023				
	Total	Quoted Prices in Active Markets for Identical Assets Level 1	Significant Other Observable Inputs Level 2	Significant Unobservable Inputs Level 3	Measured at NAV
US Treasury obligations	\$ 151,030	\$ 151,030	\$ —	\$ —	\$ —
Mutual funds	218,199	218,199	—	—	—
Domestic marketable equity securities	39,299	39,299	—	—	—
Mortgage bonds	79,146	—	79,146	—	—
Asset backed bonds	28,997	—	28,997	—	—
Corporate bonds	86,015	—	86,015	—	—
Funds held in trust by others	65,903	—	65,903	—	—
Hedge funds	83,467	—	—	—	83,467
Investments in partnerships	482,246	—	—	—	482,246
Total investments measured at fair value	\$ 1,234,302	\$ 408,528	\$ 260,061	\$ —	\$ 565,713

	2022				
	Total	Quoted Prices in Active Markets for Identical Assets Level 1	Significant Other Observable Inputs Level 2	Significant Unobservable Inputs Level 3	Measured at NAV
US Treasury obligations	\$ 101,303	\$ 38,385	\$ 62,918	\$ —	\$ —
Mutual funds	195,579	195,579	—	—	—
Domestic marketable equity securities	34,748	34,748	—	—	—
Mortgage bonds	27,663	—	27,663	—	—
Asset backed bonds	9,933	—	9,933	—	—
Corporate bonds	91,028	—	91,028	—	—
Funds held in trust by others	63,360	—	63,360	—	—
Hedge funds	87,449	—	—	—	87,449
Investments in partnerships	478,467	—	—	—	478,467
Total investments measured at fair value	\$ 1,089,530	\$ 268,712	\$ 254,902	\$ —	\$ 565,916

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The fair value of alternative investments has been estimated using the NAV per share of the investments. Alternative investments held by the discretely presented component units at June 30, 2023 and 2022 are presented below (in thousands):

2023					
	Fair Value		Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Hedge funds	\$ 83,467	\$	—	Various from monthly to illiquid	Various from 45 to 90 days
Investments in partnerships	482,246		74,173	Various from monthly to illiquid	Various from 10 to 60 days
2022					
	Fair Value		Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Hedge funds	\$ 87,449	\$	—	Various from monthly to illiquid	Various from 30 to 90 days
Investments in partnerships	478,467		97,727	Various from monthly to illiquid	Various from 30 to 180 days

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4. Loans, Accounts, and Contributions Receivable, Net

Loans, accounts, and contributions receivable, net as of June 30, 2023 and 2022 (in thousands):

	2023		
	Gross Receivable	Allowance	Net Receivable
Student tuition and fees	\$ 57,856	\$ (30,872)	\$ 26,984
Patient care	86,703	(22,416)	64,287
Contributions receivable	67,169	(6,972)	60,197
Sponsored agreements	27,559	(3,067)	24,492
Trade receivables	18,361	—	18,361
Rent receivables	669,193	—	669,193
Other	19,895	—	19,895
Total	\$ 946,736	\$ (63,327)	\$ 883,409
Less discount			(778)
Total Receivables			\$ 882,631
Current portion			149,164
Noncurrent portion			733,467

	2022		
	Gross Receivable	Allowance	Net Receivable
Student tuition and fees	\$ 56,110	\$ (26,913)	\$ 29,197
Patient care	43,396	(18,425)	24,971
Contributions receivable	34,055	(5,109)	28,946
Sponsored agreements	37,255	(1,763)	35,492
Trade receivables	15,354	—	15,354
Rent receivables	677,983	—	677,983
Other	14,754	—	14,754
Total	\$ 878,907	\$ (52,210)	\$ 826,697
Less discount			(916)
Total Receivables			\$ 825,781
Current portion			113,344
Noncurrent portion			712,437

Contributions receivable consist primarily of charitable gifts totaling \$67.2 million pledged from individual and corporate donors that are associated with the construction projects and general fundraising of the Association. Receivables with payment schedules in excess of one year are stated at their present value, using discount rates ranging from 0.0% to 5.11% as of June 30, 2023.

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Contributions receivable as of June 30, 2023 and 2022 are due to be received as follows (in thousands):

	2023	2022
Less than one year	\$ 10,126	\$ 11,195
One to three years	11,509	8,923
Greater than three years	45,534	13,937
Total gross contributions receivable	67,169	34,055
Less discount	(778)	(916)
Less allowance	(6,972)	(5,109)
Net contributions receivable	\$ 59,419	\$ 28,030

The University records operating and capital pledges as revenue when all eligibility requirements have been met. Endowment pledges are not recognized as revenue until the gifts are received.

Rent receivables are future payments due from tenants leasing the university's equipment or real estate, stated at their present value. Other receivables consist primarily of receivables under service concession arrangements as of June 30, 2023 and June 30, 2022.

5. Due From Affiliates

a. University of Louisville Foundation, Inc.

The Foundation receives, invests, manages and administers private gifts, bequests and endowments donated for the benefit of the University. The Foundation acts in a fiduciary capacity, distributing the donated and earned funds as required by the terms of the gifts and consistent with the donor's intent. The Foundation owed \$5.7 million and \$4.8 million to the University as of June 30, 2023 and 2022, respectively, to fund spending of these donations and earnings and is recorded in current due from affiliate.

b. University of Louisville Real Estate Foundation, Inc.

The University manages ULREF owned dorms, including collection of rents, payment of related expenses and managing the properties. No balances for rents collected were due or reimbursement of expenses owed as of June 30, 2023 and 2022. The ULREF has executed ground leases with the University for each of the managed dorms. The ground lease stipulates an annual rent based on a calculation of net available cash flow for each dorm. The University earned rents of \$661 thousand and \$1.1 million during the years ending June 30, 2023 and 2022 respectively, which is included in current due from affiliates.

c. University of Louisville Physicians, Inc. (ULP)

In June 2016, the Research Foundation received a \$5.9 million unsecured, noninterest bearing note from University of Louisville Physicians, Inc. (ULP), an affiliate entity, for past due fees owed the Research Foundation. ULP repaid \$823 thousand of the outstanding balance during the years ended June 30, 2023 and 2022, respectively. The outstanding note balance is \$1.6 million as of June 30, 2023 with \$831 thousand in current due from affiliate and the remaining \$769 thousand in noncurrent due from affiliate.

The University has receivables from ULP due through the normal course of business and reflected in loans, accounts and contributions receivable, net in the Statements of Net Position. As of June 30, 2023 and 2022, receivables of \$97 thousand and \$13 thousand were due respectively.

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d. UL Health, Inc. (UL Health)

In relation to the academic and programmatic support provided by UL Health, Inc. to the Research Foundation, UL Health, Inc.'s Board of Directors approved additional academic mission support of \$7.9 million and \$22.3 million for the years ended June 30, 2023 and 2022, respectively, payable to the Research Foundation over three years. During fiscal year 2023, the Research Foundation received payments of \$27.9 million related to the agreement with UL Health. As of June 30, 2023, the remaining balance due to the Research Foundation is \$33.0 million and is reported in current and noncurrent due from affiliates based on when receipt of payment is expected.

The University has receivables from UL Health due through the normal course of business and reflected in loans, accounts and contributions receivable, net in the Statements of Net Position. As of June 30, 2023 and 2022, receivables of \$13.3 million and \$8.4 million were due, respectively.

6. Capital and Intangible Assets, Net

Capital assets and intangible assets as of June 30, 2023 and 2022 are as follows (in thousands):

	2023				
	Beginning Balance	Additions	Retirements	Transfers	Ending Balance
Cost - Nondepreciable					
Land	\$ 58,425	\$ —	\$ —	\$ —	\$ 58,425
Rare books	48,496	81	—	—	48,577
Construction in progress	41,916	24,640	(608)	(51,833)	14,115
Subtotal	148,837	24,721	(608)	(51,833)	121,117
Cost - Depreciable					
Buildings	1,532,528	4,532	(419)	45,787	1,582,428
Infrastructure	53,978	—	—	—	53,978
Land improvements	21,310	308	—	936	22,554
Equipment	243,141	16,817	(9,400)	5,110	255,668
Leasehold improvements	2,117	36	(500)	—	1,653
Library materials	178,449	1,004	—	—	179,453
Right-to-use asset - subscription-based arrangements	26,123	2,900	—	—	29,023
Right-to-use asset - leases	72,561	1,718	(490)	—	73,789
Subtotal	2,130,207	27,315	(10,809)	51,833	2,198,546
Total capital and intangible assets, cost	2,279,044	52,036	(11,417)	—	2,319,663
Accumulated depreciation and amortization					
Buildings	712,159	39,114	(191)	—	751,082
Infrastructure	8,390	900	—	—	9,290
Land improvements	7,049	656	—	—	7,705
Equipment	215,335	13,009	(6,893)	—	221,451
Leasehold improvements	1,880	51	(500)	—	1,431
Library materials	169,796	2,062	(5)	—	171,853
Right-to-use asset - subscription-based arrangements	5,085	5,735	—	—	10,820
Right-to-use asset - leases	11,127	5,562	—	—	16,689
Total accumulated depreciation and amortization	1,130,821	67,089	(7,589)	—	1,190,321
Capital and intangible assets, net	\$ 1,148,223	\$ (15,053)	\$ (3,828)	\$ —	\$ 1,129,342

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	2022				
	Beginning Balance	Additions	Retirements	Transfers	Ending Balance
Cost - Nondepreciable					
Land	\$ 58,425	\$ —	\$ —	\$ —	\$ 58,425
Rare books	48,468	28	—	—	48,496
Construction in progress	37,752	42,114	—	(37,950)	41,916
Subtotal	144,645	42,142	—	(37,950)	148,837
Cost - Depreciable					
Buildings	1,501,606	2,233	(9,261)	37,950	1,532,528
Infrastructure	53,907	71	—	—	53,978
Land improvements	21,471	—	(161)	—	21,310
Equipment	235,521	8,682	(1,062)	—	243,141
Leasehold improvements	2,117	—	—	—	2,117
Library materials	177,375	1,074	—	—	178,449
Right-to-use asset - leases	69,538	3,023	—	—	72,561
Subtotal	2,061,535	15,083	(10,484)	37,950	2,104,084
Total capital and intangible assets, cost	2,206,180	57,225	(10,484)	—	2,252,921
Accumulated depreciation and amortization					
Buildings	678,554	41,204	(7,599)	—	712,159
Infrastructure	7,489	901	—	—	8,390
Land improvements	6,446	603	—	—	7,049
Equipment	205,158	11,157	(980)	—	215,335
Leasehold improvements	1,816	64	—	—	1,880
Library materials	167,360	2,436	—	—	169,796
Right to use asset	5,509	5,618	—	—	11,127
Total accumulated depreciation and	1,072,332	61,983	(8,579)	—	1,125,736
Capital and intangible assets, net	\$ 1,133,848	\$ (4,758)	\$ (1,905)	\$ —	\$ 1,127,185

7. Accounts Payable and Accrued Liabilities

Accounts payable and accrued liabilities consist of the following at June 30, 2023 and 2022 (in thousands):

	2023	2022
Salaries and benefits	\$ 37,737	\$ 37,913
Payroll taxes	16,090	26,269
Construction	3,178	4,046
Accrued interest	4,326	4,662
Other	51,881	40,372
Total	\$ 113,212	\$ 113,262

Accrued interest includes \$1.2 million and \$1.3 million related to leases payable as of June 30, 2023 and 2022, respectively. Accrued interest also includes \$404 thousand related to subscription-based arrangement payables as of June 30, 2023.

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8. Line of Credit

The University has a line of credit with a financial institution in the form of a revenue anticipation note in the amount of \$25.0 million with a maturity date of June 30, 2023. Advances on the line of credit bear interest at the daily Bloomberg short-term bank yield index rate plus 0.60%. No draws were made from the available credit through its expiration as of June 30, 2023 and 2022. The University renewed the line of credit on July 1, 2023 with a maturity date of June 30, 2024 with substantially the same terms.

The Association entered into a \$20.0 million line of credit with a financial institution to fund the Association's working capital expenses. The line of credit is secured by collateral, including funding and revenues of the Association and third-party pledges to the Association. The balance on the line of credit was \$9.0 million as of June 30, 2022. The balance drawn on the line converted to a 20-year note May 31, 2023 with principal and interest payments through April 30, 2043. The interest rate on the new note at conversion is fixed at 2.93%. The balance at the term note is \$8.8 million as of June 30, 2023.

9. Leases

a. Lessee Arrangements

The University leases operating and office facilities for various terms under long-term, non-cancelable lease agreements. The leases expire at various dates through 2067 and provide for renewal options ranging from one year to fifty years. The University records right-of-use assets and lease liabilities based on the present value of expected payments over the lease term of the respective leases. The expected payments are discounted using the interest rate charged on the lease, if available, or are otherwise discounted using the University's incremental borrowing rate. Variable payments are excluded from the valuations unless they are fixed in substance. Those variable payments are recognized as outflows of resources in the periods in which the obligation for those payments is incurred. Certain facility leases provide for increases in future minimum annual rental payments based on defined increases in the Consumer Price Index, subject to certain minimum increases. The University does not have any leases subject to a residual value guarantee.

Right-to-use assets acquired through outstanding leases are shown below, by underlying asset class.

	Net asset balance as of June 30, 2023	Net asset balance as of June 30, 2022
Building	\$ 56,531	\$ 60,802
Land	569	632
Total	\$ 57,100	\$ 61,434

See Note 6, Capital Assets for balances of right-of-use assets and associated accumulated amortization. See Note 13 Other Liabilities for balances of lease liabilities.

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The University's total future minimum lease payments to be made under lease agreements are as follows (in thousands), subject to change with new leases:

For the year ending June 30,	Principal	Interest
2024	\$ 4,629	\$ 1,660
2025	2,987	1,551
2026	2,981	1,464
2027	2,575	1,381
2028	2,463	1,310
2029-2033	12,534	5,396
2034-2038	12,143	3,538
2039-2043	12,879	1,614
2044-2048	4,911	111
2049-2053	44	30
2054-2058	51	23
2059-2063	59	14
2064-2068	68	4
Future minimum lease payments	\$ 58,324	\$ 18,096

The University leases operating and office facilities from an affiliated party, and a related right-to-use lease asset and liability have been recorded. The leases provide for minimum annual lease payments totaling \$1.8 million expiring at various times through 2038, plus variable payments based on usage.

b. Lessor Arrangements

The University leases operating, office space and hospitals to external parties. The University records lease receivables as deferred inflows of resources based on the present value of expected receipts over the term of the respective leases. The expected receipts are discounted using the interest rate charged on the lease or the Research Foundation's incremental borrowing rate. Variable payments are excluded from the valuations unless they are fixed in substance. During the years ended June 30, 2023 and 2022, the University recognized revenues relating to these lease arrangements totaling \$28.7 million and \$28.2 million, respectively. Of those receipts, \$26.7 million was received from a related party during June 30, 2023 and 2022 .

10. Subscription-Based Information Technology Arrangements (SBITA)

The University contracts subscription-based information technology for operating activities for various terms under long-term, non-cancelable agreements. The agreements expire at various dates through 2028 and provide for renewal options ranging from one year to five years. The Association records right-of-use assets and current or noncurrent liabilities based on the present value of expected payments over the term of the respective agreements. The expected payments are discounted using the Association's incremental borrowing rate. Variable payments are excluded from the valuations unless they are fixed in substance. Those variable payments are recognized as outflows of resources in the periods in which the obligation for those payments is incurred. There were no variable payments expensed during the current year.

Right-to-use assets acquired through subscription-based information technology agreements as of June 30, 2023 are \$29.0 million with accumulated amortization of the assets of \$10.8 million, resulting in a net value of \$18.2 million.

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The University's total future minimum payments to be made under the agreements are as follows (in thousands), subject to change with new agreements:

For the year ending June 30,	Principal	Interest
2024	\$ 5,936	\$ 423
2025	5,037	262
2026	3,298	154
2027	2,339	81
2028	1,817	22
Future agreement payments	\$ 18,427	\$ 942

11. Bonds, Notes, and Contracts

Long-term debt, net of discount, of the University consisted of the following at June 30, 2023 and 2022 (in thousands):

	Interest Rate	Fiscal Year of Maturity	2023	2022
General Receipts Bonds:				
Series B of 2010	5.5%	2028	\$ 20,942	\$ 20,942
Series A of 2012	5.0%	2023	—	1,635
Series A of 2016	2.0% to 5.0%	2036	8,565	9,435
Series B of 2016	3.0% to 5.0%	2028	12,715	15,025
Series C of 2016	2.0% to 4.0%	2029	33,525	38,370
Series D of 2016	3.0% to 5.0%	2036	45,195	45,295
Series E of 2016	2.2% to 3.0%	2023	—	1,055
Series F of 2016	5.0%	2028	13,255	15,540
Series A of 2020	2.0% to 5.0%	2051	45,320	45,320
Series A of 2021	1.5%	2032	19,025	20,980
Series B of 2021	2.0% to 5.0%	2051	38,530	39,300
Notes from direct placement	2.9%	2043	23,202	14,855
Contracts	1.8% to 10.7%	2021 to 2033	35,168	30,552
Total long-term debt			295,442	298,304
Net unamortized premium			9,910	11,371
Long-term debt, net			\$ 305,352	\$ 309,675

The change in bonds, notes from direct placement, and contracts is summarized as follows (in thousands):

	2023					
	Beginning Balance	Additions	Retirements	Ending Balance	Current Portion	Noncurrent Portion
Bonds payable	\$ 252,897	\$ —	\$ (15,825)	\$ 237,072	\$ 19,380	\$ 217,692
Notes from direct placement	14,855	9,000	(653)	23,202	2,454	20,748
Contracts	30,552	13,819	(9,203)	35,168	5,404	29,764
Total	298,304	22,819	(25,681)	295,442	27,238	268,204
Less amortized net (discount)/ premium	11,371	—	(1,461)	9,910	1,543	8,367
Net long-term debt	\$ 309,675	\$ 22,819	\$ (27,142)	\$ 305,352	\$ 28,781	\$ 276,571

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	2022					
	Beginning Balance	Additions	Retirements	Ending Balance	Current Portion	Noncurrent Portion
Bonds payable	\$ 267,657	\$ —	\$ (14,760)	\$ 252,897	\$ 17,025	\$ 235,872
Notes from direct placement	11,000	4,979	(1,124)	14,855	465	14,390
Contracts	17,986	16,383	(3,817)	30,552	7,930	22,622
Total	296,643	21,362	(19,701)	298,304	25,420	272,884
Less amortized net (discount)/premium	13,347	—	(1,976)	11,371	1,762	9,609
Net long-term debt	\$ 309,990	\$ 21,362	\$ (21,677)	\$ 309,675	\$ 27,182	\$ 282,493

Principal maturities and interest on bonds, notes from direct placement and contracts for the fiscal years ending June 30 are as follows (in thousands):

	Bonds Payable		Notes from Direct Placement		Contracts Payable	
	Principal	Interest	Principal	Interest	Principal	Interest
2024	\$ 19,380	\$ 8,664	\$ 2,454	\$ 691	\$ 5,404	\$ 1,025
2025	13,140	8,057	2,136	615	4,769	946
2026	16,410	7,423	1,920	550	4,715	790
2027	17,080	6,761	1,948	489	4,221	640
2028	37,732	5,463	1,985	427	4,177	500
2029-2033	53,325	17,133	12,759	854	11,882	852
2034-2038	33,055	8,533	—	—	—	—
2039-2043	16,210	5,104	—	—	—	—
2044-2048	18,435	2,878	—	—	—	—
2049-2051	12,305	492	—	—	—	—
Total	\$ 237,072	\$ 70,508	\$ 23,202	\$ 3,626	\$ 35,168	\$ 4,753

The University has capitalized leased equipment with a net book value of \$3.4 million and \$3.1 million as of June 30, 2023 and 2022, respectively.

The General Receipts Bonds are collateralized by mortgages on certain University properties. Association revenue totaling \$2.0 million annually is to be available for amounts owed by the Association under the Arena lease agreement. The remaining operating and nonoperating income of the University, excluding income which as a condition of receipt is not available for payment of debt service charges, are pledged for the General Receipts Bonds. Total principal and interest remaining on the bond debt is \$307.6 million, with annual requirements ranging from \$4.3 million in 2037 to \$43.2 million in 2028.

As of June 30, 2023 and 2022, investments at fair value totaling approximately \$30.1 million and \$15.0 million, respectively, for retirement of indebtedness funds have been deposited with the bond trustees and escrow agents as required under the various bond indentures and capital lease agreements.

University of Louisville General Receipts Bonds, 2010 Series B

In December 2010, the University issued \$20.9 million of University of Louisville, General Receipts Bonds, 2010 Series B at a total interest cost of 1.8%, net of the subsidy from the Build America Bonds Act (BAB). The project financed consists of multiple energy conservation measures within 17 educational and general buildings on the Health Sciences, Shelby and Belknap campuses. The project is expected to produce annual utility cost savings and is being conducted under contract to the University by an energy management company that has guaranteed the annual savings to the University under the detailed terms of the contract. Security for the bonds includes a pledge of the general receipts of the University and the imposition of a state intercept. The General Receipts Bonds, 2010 Series B were issued as bonds designated as QECBs under the provisions of the American Recovery and Reinvestment Act of 2009. The University expects to receive a cash subsidy payment from the United States Treasury equal to approximately 67% of the interest

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payable on the General Receipts Bonds, 2010 Series B. The subsidy payment is contingent on federal regulations and may be subject to change. Final maturity of the bond is September 1, 2027.

University of Louisville General Receipts Bonds, 2012 Series A

In June 2012, the University issued \$14.6 million of University of Louisville, General Receipts Bonds, 2012 Series A at a total interest cost of 2.1%. The bonds were issued to advance refund \$13.5 million of Consolidated Educational Buildings Revenue Bonds Series N (Series N) with a weighted average interest rate of 3.9% and \$5.3 million of Consolidated Educational Buildings Revenue Bonds Series O (Series O) with a weighted average interest rate of 4.1% (combined, the prior bonds). Final maturity on the 2012 Bonds was March 1, 2023.

University of Louisville General Receipts Bonds, 2016 Series A

In April 2016, the University issued \$14.1 million of University of Louisville, General Receipts Bonds, 2016 Series A at a total interest cost of 2.8%. The bonds were issued to fund the University's share of the cost of the renovation and expansion of the University of Louisville Student Activity Center and to currently refund \$3.2 million of University of Louisville General Receipts Bonds, Taxable Build America Bonds, 2010 Series A with a weighted average interest rate of 3.7% and \$2.6 million of Consolidated Educational Buildings Revenue Bonds Series P with a weighted average interest rate of 3.9% (combined, the prior bonds). Final maturity on the 2016 Series A Bonds is March 1, 2036.

University of Louisville General Receipts Bonds, 2016 Series B

In April 2016, the University issued \$23.7 million of University of Louisville, General Receipts Bonds, 2016 Series B at a total interest cost of 2.2%. The bonds were issued to advance refund \$24.6 million of University of Louisville General Receipts Bonds, 2007 Series A with a weighted average interest rate of 4.0%. The bond proceeds together with an issuance premium of \$2.4 million have been used to retire the General Receipts Bonds 2007 Series A. Final maturity on the 2016 Series B bonds is September 1, 2027.

University of Louisville General Receipts Bonds, 2016 Series C

In April 2016, the University issued \$51.7 million of University of Louisville, General Receipts Bonds, 2016 Series C at a total interest cost of 2.5%. The bonds were issued to advance refund \$52.0 million of University of Louisville General Receipts Bonds, 2008 Series A with a weighted average interest rate of 4.5%. The bond proceeds together with an issuance premium of \$6.4 million have been used to retire General Receipts Bonds 2008 Series A. Final maturity on the 2016 Series C Bonds is September 1, 2028.

University of Louisville General Receipts Bonds, 2016 Series D and Taxable General Receipts Bonds, 2016 Series E

In December 2016, the University issued \$45.3 million of University of Louisville, General Receipts Bonds, 2016 Series D at a total interest cost of 3.8% and \$5.4 million of University of Louisville, Taxable General Receipts Bonds, 2016 Series E at a total interest cost of 2.5%. The proceeds of the 2016 Series D Bonds and the 2016 Series E Bonds will be used by the University to finance the expansion of the University's Papa John's Cardinal Stadium. Final maturity on the 2016 Series D and Series E Bonds is March 1, 2036 and March 1, 2023, respectively.

University of Louisville General Receipts Bonds, 2016 Series F

In December 2016, the University issued \$27.6 million of University of Louisville, General Receipts Bonds, 2016 Series F at a total interest cost of 2.7%. The bonds were issued to advance refund \$29.5 million of Metro Government Mortgage Revenue Bonds, Series 2008 B with a weighted average interest rate of 4.1%. The bond proceeds together with an issuance premium of \$3.6 million have been used to retire the Metro Government Mortgage Revenue Bonds, Series 2008 B. Final maturity on the 2016 Series F Bonds is March 1, 2028.

University of Louisville General Receipts Bonds, 2020 Series A

In June 2020, the University issued \$45.3 million of University of Louisville, General Receipts Bonds, 2020 Series A at a total interest cost of 2.7%. The bond proceeds together with an issuance premium of \$1.4 million will be used to finance a new 452 bed residence hall, including the construction, installation, equipping of the dormitory, and payment of interest through the construction period. Final maturity of the bonds is September 1, 2050.

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University of Louisville General Receipts Bonds, 2021 Series A

In June 2021, the University issued \$21.4 million of University of Louisville, General Receipts Bonds, 2021 Series A at a total interest cost of 1.55%. These bonds were a private placement with a financial institution. The proceeds were used to advance refund \$20.8 million of the General Receipt Bonds, 2010 Series A with a total interest cost of 3.6%. The bond proceeds have been deposited in escrow and will be used to redeem and retire the General Receipt Bonds, 2011 Series A on September 1, 2021. Final maturity on the General Receipt Bonds, 2021 Series A is September 1, 2031. The University will reduce its total debt service payments over the next ten years by \$4.2 million and realize net present value savings of approximately \$3.8 million as a result of the refinancing.

University of Louisville General Receipts Bonds, 2021 Series B

In May 2021, the University issued \$39.5 million of University of Louisville, General Receipts Bonds, 2021 Series B at a total interest cost of 2.7%. The bond proceeds together with an issuance premium of \$1.4 million will be used to finance a new 452 bed residence hall, including the construction, installation, and equipping of the dormitory. Final maturity of the bonds is September 1, 2051.

Notes from Direct Placement

In April 2021, the Association entered into a \$11.0 million term note with a financial institution. The note is secured by collateral, including funds and revenues of the Association and third-party pledges to the Association. Principal repayments will begin May 31, 2023 as the note carries an interest only period ending on April 30, 2023. The interest rate on the new note is fixed at 2.93%. The balance of the term note is was \$10.9 million and \$11.0 million as of June 30, 2023 and 2022, respectively.

The Association's \$9.0 million draw on a letter of credit converted to a 20-year term note with principal and interest payments beginning May, 2023. The interest rate is fixed at 2.93%. The balance at the term note is \$8.8 million as of June 30, 2023.

The Association entered into a financing arrangement with vendors to finance certain fixtures and equipment. The notes are payable over 10 years. The balance of the notes is \$3.2 million as of June 30, 2023.

Contracts

The University enters into financing arrangements with financial institutions or businesses for the purchase of equipment or services. The financing entity receives an exclusive security interest in any and all equipment acquired, built or maintained. The individual agreements specify as events of default failure to remit payments when such failure continues for 10 days after the due date, the application for or consent to the appointment of a receiver in bankruptcy, and failure to perform any other covenant for a period of 30 days. The University, through the financing arrangement, covenants not to grant secondary liens on the equipment financed, to carry adequate insurance with the financial institution as loss payee, and to not act or fail to act when such action or inaction would impair the tax exempt status of the interest under the lease.

12. Notes Payable to University of Louisville Foundation, Inc.

In January 1999, the Association obtained an \$8.5 million unsecured, noninterest bearing loan from the Foundation for the construction of Cardinal Park. The Association is obligated to repay the loan upon redemption of a life insurance policy pledged by a certain donor. The outstanding balance was approximately \$1.0 million for each of the years ended June 30, 2023 and 2022.

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13. Other Liabilities

Other liabilities of the University are summarized at June 30, 2023 and 2022 (in thousands):

	2023					
	Beginning Balance	Additions	Reductions	Ending Balance	Current Portion	Noncurrent Portion
Unearned compensation and wages payable	\$ 3,264	\$ 481	\$ (1,214)	\$ 2,531	\$ 1,145	\$ 1,386
Deposits	1,769	145	(857)	1,057	—	1,057
Unearned revenue	47,964	59,241	(19,421)	87,784	45,600	42,184
Amounts due federal government for student loan program	16,335	770	(3,347)	13,758	—	13,758
Leases payable	61,824	1,717	(5,217)	58,324	4,629	53,695
Subscription-based arrangements	20,201	2,900	(4,674)	18,427	5,936	12,491
Other long-term liabilities	2,045	2,026	(4,071)	—	—	—
Total	\$ 153,402	\$ 67,280	\$ (38,801)	\$ 181,881	\$ 57,310	\$ 124,571

	2022					
	Beginning Balance	Additions	Reductions	Ending Balance	Current Portion	Noncurrent Portion
Unearned compensation and wages payable	\$ 2,486	\$ 5,387	\$ (4,609)	\$ 3,264	\$ 1,120	\$ 2,144
Deposits	1,142	1,257	(630)	1,769	—	1,769
Unearned revenue	57,436	349,498	(358,970)	47,964	42,019	5,945
Amounts due federal government for student loan program	17,311	2	(978)	16,335	—	16,335
Leases payable	63,469	2,811	(4,456)	61,824	4,832	56,992
Other long-term liabilities	5,045	—	(3,000)	2,045	—	2,045
Total	\$ 146,889	\$ 358,955	\$ (372,643)	\$ 133,201	\$ 47,971	\$ 85,230

14. Public-Private and Public-Public Arrangements

The University has entered into contractual agreements with external parties to provide services to students, employees, and guest on behalf of the University. The contracted services include food service arrangements providing meals and concessions, print, copy and mail services, and bookstore services. The third parties (operators) receive the right to utilize and control university assets, such as infrastructure or other capital assets, to provide the services. In exchange for entering into the agreements, the University has received upfront payments, capital assets, and/or payments throughout the agreement term. The operators receive payments for services from customers or the university. The university has recognized \$1.1 million in current receivables and \$11.7 million in noncurrent receivables for future installment payments, \$10.7 million in capital asset additions or upgrades, net depreciation, and \$31.3 million in deferred inflows related to the agreements. Future installment payments were discounted using rates applicable at the time the agreement was commenced, between 0.75% - 1.56%.

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Under the agreements, the operator obtains the rights described in the table below:

Nature of rights granted	
Bookstore Operations	Design and operation of campus bookstore, providing course materials, branded materials and general merchandise to students, university employees and the general public.
Dining Operations	Design and operations of campus dining facilities utilized by students, university employees and the general public.
Event Concessions	Operation of food and merchandise concessions at athletic events.
Print and Mail Services	Providing and maintaining copy and print machinery for use by students and university employees. Providing contracted print services and campus mail collection and delivery

15. Natural Classification

The University's operating expenses by natural classification were as follows for the years ended June 30, 2023 and 2022 (in thousands):

	2023						Total
	Salary and wages	Employee benefits	Utilities	Scholarships and fellowships	Supplies and other	Total	
Instruction	\$ 203,333	\$ 53,951	\$ 71	\$ 1,964	\$ 17,971	\$ 277,290	
Research	87,646	23,300	40	1,818	48,432	161,236	
Public service	52,826	14,291	48	50	106,578	173,793	
Academic support	85,546	22,049	46	1,114	68,807	177,562	
Student services	18,941	6,665	147	26	13,009	38,788	
Institutional support	50,350	11,426	—	(119)	23,879	85,536	
Operation and maintenance of plant	15,227	5,752	24,112	181	21,629	66,901	
Scholarships and fellowships	4,691	979	—	33,056	757	39,483	
Auxiliary enterprises	2,061	776	949	(208)	6,998	10,576	
Intercollegiate athletics	42,640	9,745	1,114	5,218	52,978	111,695	
Depreciation and amortization	—	—	—	—	—	67,089	
Total	\$ 563,261	\$ 148,934	\$ 26,527	\$ 43,100	\$ 361,038	\$ 1,209,949	

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	2022					
	Salary and wages	Employee Benefits	Utilities	Scholarships and fellowships	Supplies and other	Total
Instruction	\$ 193,660	\$ 50,673	\$ 10	\$ 1,404	\$ 14,683	260,430
Research	87,213	22,771	40	1,709	47,203	158,936
Public service	52,807	13,780	47	288	105,083	172,005
Academic support	83,661	20,791	137	1,022	63,820	169,431
Student services	18,451	6,325	125	61	10,932	35,894
Institutional support	49,361	12,880	—	(31)	28,775	90,985
Operation and maintenance of plant	14,605	5,228	21,416	272	22,981	64,502
Scholarships and fellowships	4,463	982	—	52,400	809	58,654
Auxiliary enterprises	1,651	636	664	(179)	5,628	8,400
Intercollegiate athletics	45,311	8,795	958	5,812	60,660	121,536
Depreciation and amortization	—	—	—	—	—	61,983
Total	\$ 551,183	\$ 142,861	\$ 23,397	\$ 62,758	\$ 360,574	\$ 1,202,756

16. Risk Management

The University is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. These risks are covered by (1) the State Fire and Tornado Insurance Fund (the "Fund"); (2) Sovereign Immunity and the State Board of Claims or, (3) in the case of risks not covered by the Fund and Sovereign Immunity, commercial insurance, or participation in insurance risk retention groups.

The Fund covers losses to property from fire, wind, earthquake, flood and other named perils between \$500 and \$1,000,000 per occurrence. Losses in excess of \$1,000,000 are insured by commercial carriers up to \$1.2 billion per occurrence on an actual cash value basis. As a state agency, the University is vested with Sovereign Immunity and is subject to the provisions of the Board of Claims Act, under which the University's liability for certain negligence claims is limited to \$200,000 for any one person and \$350,000 for multiple claims resulting from a single act of negligence. Claims against educators' errors and omissions and wrongful acts are insured through a risk retention group. There have been no significant reductions in insurance coverage from 2022 to 2023.

University medical and dental students, residents, and most School of Medicine faculty are insured against medical malpractice by a captive liability insurer. Other faculty, agents, and certain non-physician employees are insured against medical malpractice by commercial insurance. The University also has the benefit of an excess coverage fund established by the Commonwealth of Kentucky.

The University is self-insured for the medical benefits provided to employees. The cost of such self-insured benefits provided during the years ended June 30, 2023 and 2022, respectively, was approximately \$71.3 million and \$68.2 million, including \$6.0 million and \$5.9 million accrued for estimated claims incurred but not reported, included in accounts payable and accrued liabilities in the statements of net position.

The following table reconciles the claims liability for the fiscal years ended June 30, 2023, June 30, 2022, and June 30, 2021 (in thousands):

Fiscal year ended June 30,	Beginning Balance	Current Year Claims and Changes in Estimates	Claim Payments	Ending Balance
2023	\$ 5,856	\$ 75,500	\$ (75,371)	\$ 5,985
2022	5,449	71,711	(71,304)	5,856
2021	5,287	68,376	(68,214)	5,449

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17. Funding from Higher Education Relief Funds

The Federal Government passed the Coronavirus Aid, Relief, and Economic Security (CARES) Act on March 27, 2020, the Coronavirus Response and Relief Supplemental Appropriations Act of 2021 on December 27, 2020, and the American Rescue Plan Act of 2021 on March 11, 2021, all of which included funding for the Higher Education Emergency Relief Fund (HEERF). These funds were awarded to institutions of higher education in multiple allotments. The University received funding in two allotments: institutional aid to provide support for pivoting instruction to online delivery, and a student portion to provide emergency financial aid grants to students. The University received allocations totaling \$31.3 million for financial aid grants and \$39.2 million for institutional aid. As of June 30, 2022, all of the funding had been utilized. These revenues are included in nonexchange grants and contracts in Nonoperating revenue (expenses) while expenses are reported in institutional and scholarship in the operating expense section of the Statements of Revenues, Expenses, and Changes in Net Position.

18. Retirement Plans

a. Defined Contribution Plan

Full and benefit eligible part-time employees can participate in the university of Louisville 403(b) Retirement Plan (Plan) immediately upon hire. The University contributes 7.5% of an eligible employee's base salary regardless of an employee's participation in the plan. Additionally, the University matches employee contributions up to 2.5% of base pay. Both the University contribution and match are subject to eligibility requirements of twelve-months of consecutive service and attainment age 21. The Plan requires three years of continuous service for employees to vest in the University contributions.

Other information relating to this plan for the years ended June 30, 2023 and 2022 is presented as follows (in thousands):

	2023	2022
Total University payroll	\$ 572,419	\$ 556,154
Total payroll covered by the plan	\$ 542,125	\$ 528,172
Employee contributions	\$ 33,948	\$ 33,869
University contributions	\$ 38,719	\$ 37,628

As of June 30, 2023 and 2022, the University had no outstanding liability related to the Retirement Plan and \$452 thousand and \$193 thousand of forfeiture funds available to offset future employer contributions.

b. Prior Service Defined Benefit Plan

Effective July 1, 1977, the University entered into an agreement with Teachers Insurance Annuity Association (TIAA) to fund, over approximately 30 years, the prior service defined benefit program for both currently retired and eligible actively employed participants. This is a single-employer plan. There were no annual required contributions for the years ended June 30, 2023 and June 30, 2022. Subsequent annual contributions under this agreement are subject to periodic actuarial re-evaluations to reflect changes in the consumer price index, interest rates and group experience performance.

The most recent comparison of the accumulated plan benefits and plan net assets, as determined by TIAA, as of June 30, 2023 and 2022 are as follows (in thousands):

	2023	2022
Actuarial present value of nonvested accumulated plan benefits	\$ 445	\$ 479
Net assets available for benefits	\$ 922	\$ 965
Net pension surplus	\$ (477)	\$ (486)
Funded ratio	207 %	201 %

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The actuarial present value of plan benefits is non-vested because the plan and benefits provided there under are at all times at the discretion of the University. The net pension surplus represents the amount of net assets available for benefits in excess of the actuarial liability. The assumed rate of return used to determine the present value of accumulated non-vested benefits was 6% for each of the years ended June 30, 2023 and 2022, for preretirement and postretirement periods.

19. Postemployment Healthcare Benefits

a. Plan Description

University and Association personnel are eligible for postemployment healthcare benefits as described in The University of Louisville Group Health Plan (Plan), administered by the University. The Plan is a single-employer plan and the University's Board of Trustees determines the eligibility requirements related to the Plan. The Plan does not issue stand-alone financial reports and is not included in the report of any entity.

To be eligible for the Plan, a retired employee must be the earlier of the attainment of age 60 with seven years of service in eligible faculty or staff status, or the date that the sum of the employee's age and years of regular service of not less than 80% full-time equivalent at the University equals or exceeds 75.

The following employees were covered by the benefit terms as of July 1, 2023 and 2022:

	2023	2022
Retirees and beneficiaries	1,916	1,586
Active plan members	4,446	4,701
Total	6,362	6,287

b. Funding Policy

The Plan is funded on a pay-as-you-go basis. The contribution requirements of the contributing members are determined by the University's management on an annual basis. During the years ended June 30, 2023 and 2022, the University contributed approximately \$3.9 million and \$3.7 million to the Plan, approximately 80% of total premiums for both years. Retired Plan members under age 65 receiving benefits contributed approximately \$958 thousand and \$924 thousand, approximately 20% of total premiums for both years. Health plan rates remained unchanged for the year ended June 30, 2023. Retired Plan members made monthly contributions according to the rate schedule below.

	PPO		EPO		PCA High		PCA Low	
Employee	\$	416	\$	445	\$	353	\$	291
Employee and Spouse	\$	1,000	\$	1,069	\$	847	\$	698

Medicare-eligible retirees receive a monthly benefit of \$108 per individual covered. For the years ended June 30, 2023 and 2022, the University contributed \$2.5 million and \$2.2 million for Medicare-eligible retirees, respectively.

c. Annual Other Postemployment Benefit (OPEB) Cost and Net OPEB Obligation

The University's total OPEB liability was measured by an actuarial valuation as of June 30, 2022. The total OPEB liability in the actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified.

Inflation	2.25%
Salary Increases	5.00%, average
Investment rate of return	NA
Healthcare cost trend rates	7.0% for 2021, decreasing 0%-0.25% per year to an ultimate rate of 4.25% for 2038 and later years

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The investment rate of return is shown as not applicable (NA) since the University contributes only the amount necessary to pay current benefits. The discount rate is 3.69% as of the Measurement Date, 1.92% as of the beginning of the Measurement Period.

Changes in total reported liability for postemployment benefits obligations for the year ended June 30, 2023 and 2022 are summarized below (in thousands):

	2023	2022
Balance, beginning year	\$ 85,940	\$ 80,238
Changes for the year:		
Service cost	2,983	2,795
Interest	1,642	1,956
Differences between expected and actual experience	4,771	(458)
Changes of assumptions	(12,131)	4,967
Benefit payments	(3,790)	(3,558)
Net changes	(6,525)	5,702
Balance, end year	\$ 79,415	\$ 85,940

The following reflects the sensitivity of the net OPEB liability if it were calculated using a discount rate that is one-percentage-point lower or one-percentage-point higher than the current discount rate (in thousands):

	2023			2022		
	1% Decrease (2.69)%	Discount Rate (3.69)%	1% Increase (4.69)%	1% Decrease (0.92)%	Discount Rate (1.92)%	1% Increase (2.92)%
Net OPEB liability	\$ 88,490	\$ 79,415	\$ 71,721	\$ 96,719	\$ 85,940	\$ 76,935

The following reflects the sensitivity of the net OPEB liability if it were calculated using a healthcare cost trend rate that is one-percentage-point lower or one-percentage-point higher than current health care trend rate (in thousands):

	2023			2022		
	1% Decrease (6.0)%	Healthcare Cost Trend Rates (7.0)%	1% Increase (8.0)%	1% Decrease (6.0)%	Healthcare Cost Trend Rates (7.0)%	1% Increase (8.0)%
Net OPEB liability	\$ 76,079	\$ 79,415	\$ 83,296	\$ 82,316	\$ 85,940	\$ 90,197

For the year ended June 30, 2023 the University recognized OPEB expense of \$1.5 million. At June 30, 2023, the University reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 4,972	\$ 2,858
Changes of assumptions	9,520	24,187
Contributions made in fiscal year ending 6/30/2023 after the measurement date of 6/30/2022	3,936	—
Total	\$ 18,428	\$ 27,045

The amount reported as contributions after the measurement date included in deferred outflows will be recognized as benefit payments during the following fiscal year.

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Amounts reported as differences between expected and actual experience and changes in assumptions included under deferred inflows of resources will be recognized in OPEB expense during the following years as presented below (in thousands):

Year ended June 30:	
2024	\$ (3,100)
2025	(3,100)
2026	(2,683)
2027	(2,583)
2028	(334)
Thereafter	(753)
Total	\$ (12,553)

d. Funded Status and Funding Progress

As of June 30, 2022, the most recent actuarial valuation date, the plan was 0% funded. The unfunded OPEB liability for benefits was \$79.4 million and \$85.9 million and there were no assets, resulting in an unfunded net OPEB liability of \$79.4 million and \$85.9 million as of June 30, 2023 and 2022, respectively. The covered payroll (annual payroll of active employees covered by the plan) was \$445.2 million and \$434.9 million, and the ratio of the unfunded net OPEB liability to the covered payroll was 18% and 20%, for the years ended June 30, 2023 and 2022, respectively.

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trends. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future.

e. Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and the plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

20. Health Science Center Affiliations and Agreements

a. University Hospital Affiliation, Lease and Operating Agreements

UL Health's operating agreement with the University states that profitable operations in excess of budget will be shared equally with the university. The profit share contribution was \$7.9 million and \$22.3 million for the years ended June 30, 2023 and 2022, respectively.

The University has an academic affiliation agreement with UL Health for the purpose of advancing the University's academic, education and research missions, providing quality patient care regardless of ability to pay and assurance that state-of-the-art facilities will be available for providing healthcare to patients. University employees, residents and students provide medical care utilizing UL Health run facilities, in return, UL Health receives revenues for the services provided. UL Health provides support to the University through annual funding for salaries, benefits and insurance coverage, annual academic support and annual departmental/administrative support pursuant to the terms of the master support and services agreement. For the years ending June 30, 2023 and 2022, support totaling approximately \$146.2 million and \$150.1 million, respectively, was received under these agreements.

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b. Norton Healthcare

The University entered into an agreement with Norton Hospitals, Inc. and Norton Children's Medical Group, LLC (collectively "NCMG") to transition the ownership and operation of the pediatric clinical practice and amend and restate certain other aspects of the pediatric academic affiliation in order align teaching, research and patient care between the parties.

The Clinical Affiliation and Academic Affiliation Agreements between the University and NCMG provides for certain payments to the university for academic and departmental support of teaching and research. The Research Foundation received total support of \$86.1 million and \$84.5 million related academic, departmental and research support for June 30, 2023 and 2022, respectively. Norton made additional payments to the Research Foundation for professional services provided by clinical providers of \$1.4 million and \$2.3 million for the years ending June 30, 2023 and 2022, respectively.

21. Commitments and Contingencies

a. Commitments

At June 30, 2023, the University had approximately \$22.2 million in encumbrances outstanding for future expenditures.

b. Litigation

The University has been named as defendant in several lawsuits, including several actions initiated by patients involving alleged malpractice. It is the opinion of management and its legal counsel, based in part on the doctrine of sovereign immunity, commercial insurance coverage and other statutory provisions, that the ultimate outcome of litigation will not have a material effect on the future operations or financial position of the University beyond the amounts already provided.

During 1989, the Kentucky Supreme Court ruled that the Board of Claims statute cannot bar lawsuits against employees of the Commonwealth who can be held personally liable for their own negligent acts. Certain of the University's employees have lawsuits pending against them for negligence claims. Any judgments on such claims are not the liability of the University, although the University may settle or pay judgments from the statutory fund established per KRS 156.895 and 164.890 - 164.895, or per liability insurance purchased for its employees and agents.

c. Government Grants

The University is currently participating in numerous grants from various departments and agencies of the federal and state governments. The expenditures of grant proceeds must be for allowable and eligible purposes. Single audits and audits by the granting department or agency may result in requests for reimbursement of unused grant proceeds or disallowed expenditures. Upon notification of final approval by the granting department or agency, the grants are considered closed.

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22. Component Units

a. Blended Component Units - Combined Condensed Statements

The consolidated schedules of the University, the Research Foundation and the Association as of June 30, 2023 and 2022, are on the following pages (in thousands):

	2023			
	University	Research Foundation	Athletic Association	Total
Current assets	\$ 158,963	\$ 258,678	\$ 44,418	\$ 462,059
Other noncurrent assets	137,935	657,424	56,719	852,078
Capital assets, net	817,896	61,152	250,294	1,129,342
Total assets	1,114,794	977,254	351,431	2,443,479
Deferred outflows of resources	12,330	6,450	1,519	20,299
Total assets and deferred outflows of resources	1,127,124	983,704	352,950	2,463,778
Current liabilities	93,576	54,014	51,713	199,303
Noncurrent liabilities	251,448	35,202	194,907	481,557
Total liabilities	345,024	89,216	246,620	680,860
Deferred inflows of resources	61,783	644,204	2,956	708,943
Net investment in capital assets	599,161	59,149	123,927	782,237
Restricted-nonexpendable	—	—	1,905	1,905
Restricted-expendable	46,475	22,320	5,236	74,031
Unrestricted	74,681	168,815	(27,694)	215,802
Total net position	720,317	250,284	103,374	1,073,975
Total liabilities, deferred inflows of resources and net position	\$ 1,127,124	\$ 983,704	\$ 352,950	\$ 2,463,778

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	2022			
	University	Research Foundation	Athletic Association	Total
Current assets	\$ 185,939	\$ 208,829	\$ 41,868	\$ 436,636
Other noncurrent assets	111,647	680,915	35,959	828,521
Capital assets, net	820,223	56,510	250,452	1,127,185
Total assets	1,117,809	946,254	328,279	2,392,342
Deferred outflows of resources	11,601	5,964	1,564	19,129
Total assets and deferred outflows of resources	1,129,410	952,218	329,843	2,411,471
Current liabilities	93,386	46,369	57,660	197,415
Noncurrent liabilities	253,916	38,035	162,712	454,663
Total liabilities	347,302	84,404	220,372	652,078
Deferred inflows of resources	58,958	659,534	1,413	719,905
Net investment in capital assets	613,648	51,519	127,205	792,372
Restricted - nonexpendable	—	—	1,831	1,831
Restricted - expendable	35,330	24,422	7,635	67,387
Unrestricted	74,172	132,339	(28,613)	177,898
Total net position	723,150	208,280	108,058	1,039,488
Total liabilities, deferred inflows of resources and net position	\$ 1,129,410	\$ 952,218	\$ 329,843	\$ 2,411,471

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	2023			
	University	Research Foundation	Athletic Association	Total
Student tuition and fees, net	\$ 227,520	\$ —	\$ —	\$ 227,520
Clinical services and practice plan	8,732	398,426	—	407,158
Grants and contracts	(28)	128,546	—	128,518
Facilities and administrative cost recoveries	3	34,378	—	34,381
Other operating revenue	29,785	7,741	97,495	135,021
Total operating revenues	266,012	569,091	97,495	932,598
Depreciation	46,257	8,451	12,381	67,089
Other operating expenses	477,085	543,358	122,417	1,142,860
Total operating expenses	523,342	551,809	134,798	1,209,949
Operating gain (loss)	(257,330)	17,282	(37,303)	(277,351)
State appropriations	147,718	—	—	147,718
Gifts	756	1,044	35,647	37,447
Interest expense	(10,814)	(96)	(2,118)	(13,028)
Other nonoperating revenues	13,401	62,225	(6,501)	69,125
Capital appropriations	5,781	—	—	5,781
Capital gifts	—	—	8,874	8,874
Contributions from affiliates, net	56,858	—	—	56,858
Transfers	40,291	(38,451)	(1,840)	—
Total nonoperating revenues	253,991	24,722	34,062	312,775
Change in net position	(3,339)	42,004	(3,241)	35,424
Net position - beginning of year	723,150	208,280	108,058	1,039,488
Cumulative effect of change in accounting principle	506	—	(1,443)	(937)
Net position - end of year	\$ 720,317	\$ 250,284	\$ 103,374	\$ 1,073,975

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	2022			
	University	Research Foundation	Athletic Association	Total
Student tuition and fees, net	\$ 240,060	\$ —	\$ —	\$ 240,060
Clinical services and practice plan	6,530	398,098	—	404,628
Grants and contracts	—	132,023	—	132,023
Facilities and administrative cost recoveries	6	38,708	—	38,714
Other operating revenue	27,152	8,015	96,940	132,107
Total operating revenues	273,748	576,844	96,940	947,532
Depreciation	42,364	9,043	10,576	61,983
Other operating expenses	465,914	546,123	128,736	1,140,773
Total operating expenses	508,278	555,166	139,312	1,202,756
Operating gain (loss)	(234,530)	21,678	(42,372)	(255,224)
State appropriations	131,725	—	—	131,725
Gifts	693	5,488	27,039	33,220
Interest expense	(9,025)	(130)	(1,905)	(11,060)
Other nonoperating revenues	7,491	92,947	(794)	99,644
Capital appropriations	169	—	—	169
Capital gifts	—	—	10,261	10,261
Contributions from affiliates, net	44,481	—	—	44,481
Transfers	77,158	(76,269)	(889)	—
Total nonoperating revenues	252,692	22,036	33,712	308,440
Change in net position	18,162	43,714	(8,660)	53,216
Net position - beginning of year	704,988	164,566	116,718	986,272
Net position - end of year	\$ 723,150	\$ 208,280	\$ 108,058	\$ 1,039,488

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2023								
	University		Research Foundation		Athletic Association		Total	
Cash (used)/provided by:								
Operating activities	\$	(220,629)	\$	(14,325)	\$	(30,028)	\$	(264,982)
Noncapital financing activities		238,042		58,608		30,076		326,726
Capital and related financing activities		(49,684)		(13,651)		(14,062)		(77,397)
Investing activities		(5,586)		—		786		(4,800)
Net (decrease)/increase in cash and cash equivalents		(37,857)		30,632		(13,228)		(20,453)
Cash and cash equivalents, beginning of year		116,862		106,781		24,323		247,966
Cash and cash equivalents, end of year	\$	79,005	\$	137,413	\$	11,095	\$	227,513

2022								
	University		Research Foundation		Athletic Association		Total	
Cash (used)/provided by:								
Operating activities	\$	(192,572)	\$	16,142	\$	(44,144)	\$	(220,574)
Noncapital financing activities		240,010		51,894		21,489		313,393
Capital and related financing activities		(64,448)		(3,797)		20,951		(47,294)
Investing activities		(60,200)		—		3		(60,197)
Net (decrease)/increase in cash and cash equivalents		(77,210)		64,239		(1,701)		(14,672)
Cash and cash equivalents, beginning of year		194,072		42,542		26,024		262,638
Cash and cash equivalents, end of year	\$	116,862	\$	106,781	\$	24,323	\$	247,966

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b. Discretely Presented Component Units

The combining schedule of the discretely presented component units University of Louisville Foundation, Inc., University of Louisville Real Estate Foundation, Inc., and UL Health, Inc., as of June 30, 2023 and 2022 are as follows (in thousands):

2023				
	UL Foundation	UL RE Foundation	UL Health	Total
Current assets	\$ 27,337	\$ 13,875	\$ 1,120,446	\$ 1,161,658
Capital assets	47,163	142,340	375,712	565,215
Other noncurrent assets	982,313	99,677	555,721	1,637,711
Total assets	1,056,813	255,892	2,051,879	3,364,584
Current liabilities	16,825	10,658	391,973	419,456
Other noncurrent liabilities	44,976	39,566	955,170	1,039,712
Total liabilities	61,801	50,224	1,347,143	1,459,168
Restricted nonexpendable	491,695	—	—	491,695
Restricted expendable	442,462	—	5,000	447,462
Unrestricted	60,855	205,668	699,736	966,259
Total net position	995,012	205,668	\$ 704,736	1,905,416
Total liabilities and net position	\$ 1,056,813	\$ 255,892	\$ 2,051,879	\$ 3,364,584

2022				
	UL Foundation	UL RE Foundation	UofL Health	Total
Current assets	\$ 31,243	\$ 16,983	\$ 1,074,270	\$ 1,122,496
Capital assets	48,915	145,713	298,346	492,974
Other noncurrent assets	950,504	93,631	691,321	1,735,456
Total assets	1,030,662	256,327	2,063,937	3,350,926
Current liabilities	15,820	4,205	410,976	431,001
Other noncurrent liabilities	45,600	61,725	984,871	1,092,196
Total liabilities	61,420	65,930	1,395,847	1,523,197
Restricted nonexpendable	636,969	—	—	636,969
Restricted expendable	272,986	—	15,026	288,012
Unrestricted	59,287	190,397	653,064	902,748
Total net position	969,242	190,397	\$ 668,090	1,827,729
Total liabilities and net position	\$ 1,030,662	\$ 256,327	\$ 2,063,937	\$ 3,350,926

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2023								
	UL Foundation		UL RE Foundation		UofL Health		Total	
Patient revenue, net	\$	—	\$	—	\$	2,168,675	\$	2,168,675
Other operating revenue		8,412		37,567		226,493		272,472
Total operating revenue		8,412		37,567		2,395,168		2,441,147
Depreciation		2,201		8,902		47,066		58,169
Other operating expense		79,963		13,394		2,305,848		2,399,205
Total operating expense		82,164		22,296		2,352,914		2,457,374
Operating income (loss)		(73,752)		15,271		42,254		(16,227)
Gifts and donations		46,637		—		—		46,637
Investment income		52,885		—		12,637		65,522
Other nonoperating revenue (expense)		—		—		(18,245)		(18,245)
Total nonoperating revenue (expense)		99,522		—		(5,608)		93,914
Change in net position		25,770		15,271		36,646		77,687
Net position-beginning of year		969,242		190,397		668,090		1,827,729
Net position-end of year	\$	995,012	\$	205,668	\$	704,736	\$	1,905,416

2022								
	UL Foundation		UL RE Foundation		UofL Health		Total	
Patient revenue, net	\$	—	\$	—	\$	2,023,518	\$	2,023,518
Other operating revenue		9,085		34,803		164,830		208,718
Total operating revenue		9,085		34,803		2,188,348		2,232,236
Depreciation		2,224		8,919		44,623		55,766
Other operating expense		66,642		11,360		2,006,912		2,084,914
Total operating expense		68,866		20,279		2,051,535		2,140,680
Operating income (loss)		(59,781)		14,524		136,813		91,556
Gifts and donations		50,310		—		—		50,310
Investment income		(31,966)		—		(826)		(32,792)
Other nonoperating revenue (expense)		—		—		(35,610)		(35,610)
Total nonoperating revenue (expense)		18,344		—		(36,436)		(18,092)
Change in net position		(41,437)		14,524		100,377		73,464
Net position-beginning of year		1,010,679		175,873		567,713		1,754,265
Net position-end of year	\$	969,242	\$	190,397	\$	668,090	\$	1,827,729

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c. University of Louisville Foundation, Inc. and Affiliates

The University of Louisville Foundation, Inc. (ULF) and Affiliates (collectively, "Foundation") is a legally separate, tax-exempt component unit of the University, under the provisions of GASB Statement No. 39. The Foundation acts primarily as a fundraising organization to supplement the resources that are available to the University in support of its programs. The University does not control the timing or amount of receipts from the Foundation. The majority of resources, or income thereon, which the Foundation holds and invests, is restricted to the activities of the University by the donors. Because these restricted resources held by the Foundation can only be used by, or for the benefit of, the University, the Foundation is considered a component unit of the University and is discretely presented in the University's financial statements.

Complete financial statements for the Foundation can be obtained from Foundation Administration at University of Louisville, 215 Central Avenue, Suite 304, Louisville, KY 40292.

The Foundation is a private nonprofit organization that reports under Financial Accounting Standards Board (FASB) standards, including FASB ASC Topic 958, Not-for-Profit Entities. As such, certain revenue recognition criteria and presentation features are different from GASB revenue recognition criteria and presentation features. No modifications have been made to the Foundation's financial information in the University's financial statements for these differences.

1. ULF - Description of Organization and Summary of Significant Accounting Policies

Recent Accounting Pronouncements

In September 2020, the FASB issued ASU 2020-07, Not-for-Profit Entities (Topic 958) – Presentation and Disclosures by Not-for-Profit Entities for Contributed Non-financial Assets. This ASU intends to improve the transparency of disclosures in the notes to financial statements by requiring distinct presentation of contributed non-financial assets within the statement of activities and clarification of the contributed non-financial assets by category within the notes. The ASU is effective for annual reporting periods ending after June 15, 2022, with early adoption permitted. The Foundation adopted this new standard for the fiscal year ended June 30, 2022.

2. ULF - Endowment

The Foundation's endowment consists of individual funds established for a variety of purposes. The endowment includes both donor-restricted endowment funds and funds designated by the Board to function as endowments (board-designated endowment funds). As required by US GAAP, net assets associated with endowment funds, including board-designated endowment funds, are classified and reported based on the existence or absence of donor-imposed restrictions.

The Foundation's Board has interpreted the Uniform Prudent Management of Institutional Funds Act (UPMIFA), adopted in the Commonwealth of Kentucky in July 2010, 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 Foundation classifies as net assets with donor restrictions (a) the original value of gifts donated to the endowment, (b) the original value of subsequent gifts to the endowment and (c) accumulations to the endowment made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund. This policy is consistent for both donor-restricted endowment funds and board-designated endowment funds that have donor restrictions.

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The composition of net assets by type of endowment fund at June 30, 2023 and 2022 was as follows (in thousands):

	2023		
	Without Donor Restrictions	With Donor Restrictions	Total
Donor-restricted endowment funds	\$ —	\$ 651,434	\$ 651,434
Board-designated endowment funds	36,381	173,129	209,510
	\$ 36,381	\$ 824,563	\$ 860,944

	2022		
	Without Donor Restrictions	With Donor Restrictions	Total
Donor-restricted endowment funds	\$ —	\$ 630,374	\$ 630,374
Board-designated endowment funds	35,510	170,066	205,576
	\$ 35,510	\$ 800,440	\$ 835,950

Changes in endowment net assets for the years ended June 30, 2023 and 2022 were as follows (in thousands):

	2023		
	Without Donor Restrictions	With Donor Restrictions	Total
Endowment net assets, beginning of year	\$ 35,510	\$ 800,440	\$ 835,950
Investment return:			
Investment and endowment income	—	—	—
Net appreciation	1,678	37,858	39,536
Total investment return	1,678	37,858	39,536
Contributions	232	12,853	13,085
Appropriations	(693)	(28,504)	(29,197)
Other changes	(346)	1,916	1,570
Endowment net assets, end of year	\$ 36,381	\$ 824,563	\$ 860,944

	2022		
	Without Donor Restrictions	With Donor Restrictions	Total
Endowment net assets, beginning of year	\$ 36,987	\$ 826,461	\$ 863,448
Investment return:			
Investment and endowment income	—	—	—
Net appreciation	(448)	(11,019)	(11,467)
Total investment return	(448)	(11,019)	(11,467)
Contributions	—	6,467	6,467
Appropriations	(786)	(24,352)	(25,138)
Other changes	(243)	2,883	2,640
Endowment net assets, end of year	\$ 35,510	\$ 800,440	\$ 835,950

From time to time, the fair value of assets associated with individual donor-restricted endowment funds may fall below the fair value level that the Foundation is required to retain as a fund of perpetual duration pursuant to donor stipulation or UPMIFA. In accordance with U.S. GAAP, deficiencies of this nature are

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reported in net assets with or without donor restrictions and aggregated to approximately \$210 thousand and \$325 thousand at June 30, 2023 and 2022, respectively, in net assets with donor restrictions. These deficiencies resulted from unfavorable market fluctuations that occurred after investment of contributions with donor restrictions. The Foundation's spending policy allows for a pro-rated amount of appropriations in certain instances of endowments with these deficiencies.

The Foundation has adopted investment and spending policies for endowment assets that attempt to provide a predictable stream of funding to programs and other items supported by its endowment while seeking to maintain the purchasing power of the endowment. Endowment assets include those assets of donor-restricted endowment funds that the Foundation must hold in perpetuity or for donor-specified periods, as well as those of board-designated endowment funds.

Under the Foundation's policies, endowment assets are invested in a manner that is intended to produce results that achieve a minimum net total return that is equal to the Foundation's spending rate plus inflation without the assumption of excessive investment risk. To satisfy its long-term rate of return objectives, the Foundation relies on a total return strategy in which investment returns are achieved through both current yield (investment income, such as dividends and interest) and capital appreciation (both realized and unrealized). The Foundation targets a diversified asset allocation that places a greater emphasis on equity-based investments to achieve its long-term return objectives within acceptable risk constraints.

The Foundation has a standing policy (i.e., "spending policy") of appropriating for expenditure each year a percentage of certain endowment funds' average market values over the prior twelve-quarters through the calendar year-end preceding the year in which expenditure is planned. The Foundation will adjust the spending policy for a given year to mitigate adverse market performance on the level of support provided to the University.

In April 2022, the Board of the Foundation approved a 4.00% spending policy for the fiscal year 2022-2032 for support to the academic units and allocated 0.75% for overall fundraising efforts and operations of the Foundation. The spending policy is based on a twelve-quarter moving average of certain market values as of December 31.

In January 2023, the Board of the Foundation approved a 4.00% spending policy for the fiscal year 2023-2024 for support to the academic units and allocated 0.75% for overall fundraising efforts and operations of the Foundation. The spending policy is based on a twelve-quarter moving average of certain market values as of December 31. The annual return (loss) for total endowment assets was 6.6% and (5)% in 2023 and 2022, respectively.

3. ULF - Investments

Investments as of June 30 are as follows (in thousands):

	2023	2022
Cash equivalents	\$ 26,833	\$ 55,755
Alternate investments:		
Hedge Funds	83,467	87,449
Investments in partnerships	482,246	478,467
Mutual funds:		
Equity	200,692	168,635
Fixed Income	15,940	15,088
Marketable alternatives:		
Domestic marketable equity securities	39,299	34,748
Marketable debt securities:		
U.S. Treasury	63,367	38,385
Total Investments	\$ 911,844	\$ 878,527

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The market risk inherent in certain of the Foundation's investments is primarily the potential loss arising from adverse changes in quoted market prices on equity securities and in interest rates on fixed income securities. To mitigate this market risk, the Foundation has adopted a policy of maintaining a diverse investment pool through the use of target asset allocation guidelines. These guidelines require that the Foundation's investment pool be made up of a mix of publicly traded fixed income and equity securities, private equities and other nonmarketable securities, and real estate investments.

A major portion of investments is pooled in the total endowment assets, which is the main endowment pool for the Foundation. The total endowment assets are pooled using a market value basis, with each individual fund subscribing to, or disposing of, units on the basis of the market value per unit at the end of the prior calendar month during which the transaction takes place.

4. ULF - Guarantees

a. Loan

In December 2010, ULF guaranteed 51% of the outstanding loan of Campus One through September 1, 2028. As of June 30, 2023 and 2022, the amount under guarantee was \$5.9 million and \$6.3 million, respectively.

The Foundation has not made any payments on this guarantee to date.

The Foundation has not made any payments on these guarantees to date.

b. Lease Guarantee

In December 2006, the Foundation became the guarantor of payments due to University Faculty Office Building, LLC (UFOB) under the Master Lease agreement between the Medical School Practice Association, Inc. (MSPA) and UFOB. The Foundation has guaranteed the full and prompt payment of all amounts due to UFOB, including any damages for default and payments to reimburse UFOB for any costs and expenses incurred by UFOB to cure any default by MSPA. The initial lease term is 15 years, which began in July 2008. The annual lease payments due from MSPA to UFOB are approximately \$3.5 million, with an annual inflation of 3%. The Foundation has not made any payments on this guarantee to date.

5. ULF - Funds Held in Trust by Others

The Foundation has been designated by the University as the income beneficiary of various trusts and financial entities that are held and controlled by others. One of these is a perpetual and irrevocable trust known as the University of Louisville Trust (the Trust). It was created in 1983 to receive, administer, and invest assets that result from gifts to the Trust. The market value of the Trust was approximately \$29.0 million and \$27.0 million as of June 30, 2023 and 2022, respectively.

The Foundation's portion of the market value of the remaining trusts was approximately \$32.0 million as of June 30, 2023 and 2022, respectively. These funds are invested in various equities and income-producing assets. For the years ended June 30, 2023 and 2022, the Foundation recorded (losses) income of \$5.4 million and (\$12.9) million, respectively, from these trusts, which is included in changes in funds held in trust by others on the consolidated statements of activities and changes in net assets.

6. ULF - Funds Held in Trust for Others

The Foundation is the custodian of funds owned by the Association. The Association is a separate corporation organized for the purpose of promoting the intercollegiate athletic activities of the University. As of June 30, 2023 and 2022, the Foundation held approximately \$3.5 million and \$3.4 million, respectively, for the Association's investment purposes.

The Foundation entered into an agreement with Legacy Foundation of Kentuckiana, formerly Jewish Hospital & St. Mary's Healthcare, Inc. (Jewish Hospital) whereby the Foundation serves in an agency capacity to invest funds on behalf of Jewish Hospital. Jewish Hospital is a separate corporation organized for the purpose of providing health care services. As of June 30, 2023 and 2022, the Foundation held approximately \$10.6 million and \$10.4 million, respectively, for Jewish Hospital's investment purposes.

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The Foundation was the recipient of endowed funds, the income of which shall be used in support of the Louisville Orchestra. As of June 30, 2023 and 2022, the Foundation held approximately and \$270,000 for the benefit of the Louisville Orchestra.

The Foundation, acting in an agent capacity, does not reflect earnings on investments held in trust for others on the consolidated statements of activities, since these earnings are distributed to the owners of the funds.

7. Related-Party Transactions

Included in the spending policy contribution to the University is a specific component designed to approximate the Foundation's allocated portion of salaries, benefits, and certain other administrative support costs related to fundraising and advancement. These amounts were approximately \$5.0 million and \$4.9 million for the years ended June 30, 2023 and 2022, respectively, and are included in contributions and allocations to the University departments on the consolidated statements of activities and changes in net assets.

For the years ended June 30, 2023 and 2022, the Foundation recorded approximately \$2.1 million and \$2.3 million, respectively, in revenues from the University and related affiliates, which is included in net rental revenues and other revenues on the consolidated statements of activities and changes in net assets.

8. ULF - Transactions with ULREF

In connection with the assignment of certain membership interests to ULREF, the Foundation entered into a memorandum of agreement effective June 30, 2016, with ULREF and certain of its affiliates whereas ULREF promises, and agrees, to pay to the Foundation approximately \$28.9 million. The unpaid balances shall bear no interest. ULREF may make payments on the unpaid balance at any time, in whole or in part, without premium or penalty.

At June 30, 2023 and 2022, the net receivable from ULREF is \$4.6 million and \$8.6 million, respectively, and is included as due from ULREF on the consolidated statements of financial position. The amount due from ULREF is included within the endowment assets as of June 30, 2023 and 2022.

d. University of Louisville Real Estate Foundation

The University of Louisville Real Estate Foundation, Inc. and affiliates (collectively, "ULREF") is a legally separate, tax exempt component unit of the University, under the provisions of GASB Statement No. 39. ULREF is a Kentucky not-for-profit corporation formed on November 19, 2014. ULREF's mission is to acquire, maintain, improve, leverage, manage, lease, and convey real and personal property for the benefit of the University. The University of Louisville Foundation, Inc. ("Foundation") has contributed membership interest and capital assets to ULREF for the purpose of furthering the mission of ULREF.

As directed by its Board of Directors, ULREF transfers a portion of its unrestricted resources to support a variety of the University's activities. Although the University does not control the timing or amount of receipts from ULREF, the majority of resources, or income thereon, which the Foundation holds, manages and invests is for the benefit of the University. Because these resources held by ULREF can only be used by, or for the benefit of, the University, ULREF is considered a component unit of the University and is discretely presented in the University's financial statements.

ULREF is a private nonprofit organization that reports under Financial Accounting Standards Board (FASB) standards, including FASB ASC Topic 958, Not-for-Profit Entities. As such, certain revenue recognition criteria and presentation features are different from GASB revenue recognition criteria and presentation features. No modifications have been made to ULREF's financial information in the University's financial statements for these differences.

Complete financial statements for ULREF can be obtained from Foundation Administration, 215 Central Avenue, Suite 304, Louisville, KY 40292.

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1. ULREF - Description of Organization and Summary of Significant Accounting Policies

In December 2014, ULREF became a 51% owner of Campus Three, LLC (Campus Three). In March 2016, ULREF received a 51% ownership interest in Campus Two, LLC (Campus Two) from the Foundation. In July 2016, ULREF became a 51% owner of Campus 435, LLC (Campus 435); Campus 805, LLC (Campus 805); and Campus 815, LLC (Campus 815). These joint ventures build and manage commercial real estate property on the University's Shelby Campus.

The Foundation entered into ground leases to develop a portion of the University's Shelby Campus property. On or about the date of each respective lease, ULREF and NTS entered into a Development Agreement, an Operating Agreement, and a Management Agreement, which state that NTS Development Company (NTS DevCo) will be the developer and NTS Management Company (NTS Mgt Co) will be the manager, and which provide for management, leasing, and development fees to be paid by ULREF to NTS DevCo and NTS Mgt Co. The initial term of the Operating Agreement is ten years. Campus Two and Campus Three may terminate the Management Agreement for cause upon 60 days' written notice at any time. NTS may terminate the Management Agreement without cause upon 60 days' written notice or terminate the Management Agreement for cause at any time upon prior written notice, and, in such case, NTS may require ULREF to purchase NTS's interest in Campus Three and/or in Campus Two.

ULREF has evaluated these investments as variable interest entities (VIEs) in accordance with ASC 810, Consolidation. A legal entity is referred to as a VIE if any of the following conditions exist: (1) the total equity investment at risk is insufficient to permit the legal entity to finance its activities without additional subordinated financial support from other parties, or (2) the entity has equity investors who cannot make significant decisions about the entity's operations or who do not absorb their proportionate share of the expected losses or receive the expected returns of the entity.

A VIE's primary beneficiary is the entity that has the power to direct the VIE's significant activities and has an obligation to absorb losses or the right to receive benefits that could be potentially significant to the VIE. A VIE must be consolidated if an entity is deemed to be the primary beneficiary of the VIE.

All facts and circumstances are taken into consideration when determining whether ULREF has variable interests that would deem it the primary beneficiary and therefore require consolidation of the related VIE or otherwise rise to the level where disclosure would provide useful information to the users of ULREF's consolidated financial statements. In many cases, it is qualitatively clear based on whether ULREF has the power to direct the activities significant to the VIE and, if so, whether that power is unilateral or shared, and whether ULREF is obligated to absorb significant losses of, or has a right to receive, significant benefits from the VIE. In other cases, a more detailed qualitative analysis and possibly a quantitative analysis are required to make such a determination.

ULREF monitors the consolidated and unconsolidated VIEs to determine whether any reconsideration events have occurred that could cause any of them to no longer be a VIE. ULREF reconsiders whether it is the primary beneficiary of a VIE on an ongoing basis. A previously unconsolidated VIE is consolidated when ULREF becomes the primary beneficiary. A previously consolidated VIE is deconsolidated when ULREF ceases to be the primary beneficiary or the entity is no longer a VIE.

ULREF has concluded that it is not the primary beneficiary in any of these investments, and, therefore, these investments are accounted for using the equity method of accounting.

Tax Incremental Financing Revenues

TIF revenues are reimbursements from certain agreements between ULREF, the Commonwealth of Kentucky, and the Louisville/Jefferson County Metro Government. Revenues from these agreements are based on allocations of property taxes, sales and use tax, and income taxes, which vary based on the terms stated in each respective agreement. The TIF districts are located in downtown Louisville and the University's Belknap Campus area.

For the years ended June 30, 2023 and 2022, ULREF recorded approximately \$21.1 million and \$9.0 million, respectively, of TIF revenues.

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2. ULREF - Capital Assets

Capital assets at June 30, 2023 and 2022, consist of the following (in thousands):

	2023	2022
Land and land improvements	\$ 52,473	\$ 52,442
Buildings	106,771	106,852
Building improvements	2,414	2,171
Tenant finish	3,775	3,669
Furniture, fixtures, and equipment	2,510	1,750
	167,943	166,884
Accumulated depreciation	(26,578)	(22,293)
Construction-in-progress	975	1,122
	\$ 142,340	\$ 145,713

3. ULREF - Acquired Lease Intangible Assets and Liabilities

The approximate carrying basis and accumulated amortization of recognized intangible assets and liabilities at June 30 were as follows (in thousands):

	2023		2022	
	Gross Carrying Amount	Accumulated Amortization	Gross Carrying Amount	Accumulated Amortization
Amortized intangible assets and liabilities:				
In-place leases	\$ 354	\$ (332)	\$ 354	\$ (321)
Above-market leases	2,917	(1,020)	2,917	(897)
Tax incremental financing	116,600	(34,148)	116,600	(29,785)

Amortization expense for each of the years ended June 30, 2023 and 2022, was approximately \$4.5 million.

At June 30, 2023, the amortization for acquired TIF intangibles, in-place leases, and above- and below-market leases, net during the next five years and thereafter, assuming no early lease terminations, is as follows (in thousands):

	In-Place Leases	Above-Market Leases	Tax Incremental Financing
2024	\$ 11	\$ 123	\$ 4,364
2025	9	123	4,364
2026	2	123	4,364
2027	—	123	4,364
2028	—	123	4,364
Thereafter	—	1,282	60,632
Total	\$ 22	\$ 1,897	\$ 82,452

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4. ULREF - Debt

Debt in the consolidated statements of financial position at June 30, 2023 and 2022 consists of the following (in thousands):

Description		Fiscal Year of Maturity	2023	2022
Permanent Financing-22 Preston LLC	Fixed 3.65% rate with 5-year maturity and 20-year amortization commencing June 2019; quarterly principal and interest payments commencing September 2019 with all outstanding principal and interest payments due in full at the maturity date	2024	\$ 7,472	\$ 7,940
Note Payable - KYT, LLC	Variable rate based on 1-month SOFR rate, plus 2.05% with interest-only payments commencing July 2021 and principal payment at maturity	2023	—	8,000
Northwestern Mutual Loan- Housing	Fixed 4.77% rate with 20-year amortization commencing November 2018; principal and interest payments monthly commencing January 2019	2038	35,564	37,090
Debt			\$ 43,036	\$ 53,030
Less debt issuance costs			(349)	(393)
Total debt			\$ 42,687	\$ 52,637

Preston is required to maintain a debt service coverage ratio of 1.00 to 1.00. At June 30, 2023, Preston was in compliance with this debt requirement. 31.

In June 2016, KYT entered into a note payable with a financial institution to refinance \$19.5 million borrowed in relation to the purchase of property adjacent to the University in 2008. The note was paid in full in May 2023 and the obligation was discharged.

A summary of scheduled principal payments on the above obligations is as follows (in thousands):

Year ending June 30:	
2024	\$ 8,937
2025	1,672
2026	1,754
2027	1,839
2028	1,929
Thereafter	26,905
Total	\$ 43,036

5. ULREF - Leasing Activities

ULREF leases space to tenants under non-cancelable operating leases. As of June 30, 2023, ULREF had various leases expiring monthly to 83 years, through 2106. These leases generally require ULREF to pay all executory costs (property taxes, maintenance, and insurance)

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Rental revenue for the years ended June 30 was as follows (in thousands):

	2023	2022
Base minimum rents	\$ 13,898	\$ 13,635
Common area maintenance	158	142
Total	\$ 14,056	\$ 13,777

Future leasing rent payments due to ULREF on noncancellable leases are as follows (in thousands):

Year ending June 30:	
2024	\$ 3,395
2025	2,337
2026	2,043
2027	1,522
2028	1,053
Thereafter	21,789
Total	\$ 32,139

Included in the amounts above is a certain subleased property that requires ULREF to pay approximately \$450,000 annually in rent for ten years, with escalating provisions during the lease term. The basic provisions of ULREF's sublease for this property are equal to its lease commitment.

d. UofL Health, Inc.

The consolidated financial statements of UofL Health, Inc. (UofL Health) include the accounts of University Medical Center, Inc. d/b/a University of Louisville Hospital/James Graham Brown Cancer Center (UMC), UofL Health - Louisville (Jewish Hospital), Inc., UofL Health - Shelbyville, Inc. (Jewish Hospital Shelbyville), and University of Louisville Physicians, Inc. (ULP). All significant intercompany accounts and transactions have been eliminated in consolidation.

UofL Health is a nonprofit corporation incorporated on September 4, 2019. UofL Health is the sole corporate member of UMC, Jewish Hospital, Jewish Hospital Shelbyville, and ULP (collectively, the "Corporation"). The business and affairs of the Corporation are conducted by its Board of Directors. The Board of Directors (the Board) includes 11 voting directors consisting of 5 directors appointed by the University of Louisville (UofL), and 6 at-large directors, nominated and voted on by the Board. The Corporation is a component unit of the University of Louisville.

Frazier Brownsboro is a limited liability company formed in 2023 to provide rehabilitation services to patients. UofL Health - Louisville is a 51% owner of Frazier Brownsboro and is consolidated with the operations of UofL Health.

UMC is a nonprofit corporation incorporated on June 27, 1995. Norton Healthcare, Inc. (Norton), a Kentucky nonprofit corporation, Jewish Hospital & St. Mary's Healthcare, Inc. (formerly known as Jewish Hospital HealthCare Services, Inc. (Jewish)), a Kentucky nonprofit corporation, and UofL were the original members of a corporation. Effective July 1, 2007, Norton and Jewish resigned from the Board and UMC reverted to a nonmember, nonprofit corporation under Kentucky Revised Status Chapter 273.

Additionally, effective July 1, 2017, an amended and restated lease agreement between the Commonwealth of Kentucky, UofL and UMC was entered into. The Corporation also entered into an Amended and Restated Academic Affiliation Agreement (AAA) with UofL, effective July 1, 2017, which grants the Corporation the right to lease and operate an acute-care teaching hospital and related medical facilities. The AAA with UofL was superseded by the Master Academic Affiliation Agreement (MAAA) between UofL, UMC, Jewish Hospital and Jewish Hospital Shelbyville, effective November 1, 2020. The initial term of the MAAA is twenty-five years from the effective date with five-year renewal terms in accordance with the agreement.

UMC became a wholly owned subsidiary of UofL Health effective November 1, 2019.

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Jewish Hospital and Shelbyville were incorporated September 23, 2019. On November 1, 2019, UofL Health acquired assets through a business acquisition with KentuckyOne Health under the corporations of Jewish Hospital and Shelbyville. Additionally, as part of this transaction a portion of the acquisition was allocated and assigned to ULP.

ULP was established in August 2011 and is organized as a private, nonprofit corporation that functions as the corporate structure for clinical practices of the faculty of UofL School of Medicine. Operations began on January 1, 2012, when the first two physician groups (clinical departments) transitioned their practices into ULP. As of June 30, 2021 and 2020, ULP has seventeen clinical departments. ULP became a wholly owned subsidiary of UofL Health effective November 1, 2019.

Complete financial statements for UofL Health and prior financial statements for UMC can be obtained from the administrative office at UofL Health 530 S. Jackson Street Louisville, Kentucky 40202. Prior financial statements for ULP can be obtained from 300 E. Market Street Louisville, Kentucky 40202.

1. Patient Accounts Receivable

The Corporation provides services without collateral to patients, most of whom are local residents and are insured under third-party payor agreements. The composition of receivables from patients and third-party payors as of June 30, 2023 and 2022 is as follows:

	2023	2022
Medicare	11 %	13 %
Medicaid	3 %	3 %
Managed care	44 %	39 %
Commercial and other	40 %	43 %
Self-pay	2 %	2 %
	100 %	100 %

2. Net Patient Service Revenue

The composition of patient care service revenue by primary payor for the year ended June 30 is as follows:

	2023	2022
Medicare	12 %	13 %
Medicaid	2 %	3 %
Managed Care	28 %	25 %
Commercial and other	58 %	58 %
Self-pay	— %	1 %
	100 %	100 %

3. Passport Health Plan by Molina Healthcare

Passport is a comprehensive risk-based entity that has separate financial statements available. Passport contracts with the Commonwealth of Kentucky's Medicaid program to provide comprehensive medical services to patients in its region. Passport also has a Medicare replacement insurance product. In relation to the sale of certain Passport assets during 2020, the Corporation received payment of \$7.6 million during 2022, which resulted in a loss of \$2.7 million and is recorded within other non-operating income (expense) in 2022. As of June 30, 2023 and 2022, the Corporation has a 0% sponsorship interest in Passport.

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4. Leases

The Corporation recognizes right-of-use (ROU) assets and lease liabilities for leases with terms greater than 12 months or leases that contain a purchase option that is reasonably certain to be exercised. Leases are classified as either finance or operating leases. This classification dictates whether lease expense is recognized based on an effective interest method or on a straight-line basis over the term of the lease.

The Corporation has operating and finance leases for office facilities and information technology equipment used in connection with medical office buildings and equipment. Leasing arrangements required fixed payments. Lease payments also include payments related to purchase or termination options when the lessee is reasonably certain to exercise the option or is reasonably certain not to exercise the option, respectively. The Corporation's lease agreements do not contain any material restrictive covenants. The leases have remaining terms of 1 to 29 years.

The Corporation's ROU assets and lease liabilities are recognized on the lease commencement date in an amount that represents the present value of future lease payments over the lease term. The Corporation utilizes its collateralized incremental borrowing rate commensurate to the lease term as the discount rate for its leases unless the Corporation can specifically determine the lessor's implicit rate. The operating lease ROU asset includes any lease payments made and excludes lease incentives, if any.

Short-term leases (leases with an initial term of 12 months or less or leases that are cancelable by the lessee and lessor without significant penalties) are not capitalized but are expensed on a straight-line basis over the lease term. The majority of the Corporation's short-term leases relate to office facilities and equipment.

In evaluating contracts to determine if they qualify as a lease, the Corporation considers factors such as if it has obtained substantially all of the rights to the underlying asset through exclusivity, if the Corporation can direct the use of the asset by making decisions about how and for what purpose the asset will be used and if the lessor has substantive substitution rights. Furthermore, the Corporation assesses whether it is reasonably certain to exercise options to extend or terminate a lease considering all relevant factors that create economic incentive to exercise such options, including asset, contract, market, and entity-based factors. These evaluations may require significant judgment.

The components of lease cost for the years ended June 2023 and 2022 are as follows (in thousands):

	2023	2022
Operating lease cost	\$ 55,088	\$ 61,959
Finance lease cost:		
Amortization expense	4,734	3,924
Interest on lease liabilities	1,236	375
Total finance lease cost	5,970	4,299
Short-term lease cost	23,979	23,123
Total lease expense	\$ 85,037	\$ 89,381

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The Corporation's ROU assets and lease liabilities as of the years ended June 30, 2023 and 2022 are as follows:

	2023	2022
Right-of-use assets		
Operating lease assets	\$ 506,206	\$ 534,267
Finance lease assets	36,551	16,482
Less: accumulated depreciation	8,216	9,507
Finance lease assets, net	28,335	6,975
Total right-of-use assets	\$ 534,541	\$ 541,242
Lease liabilities		
Operating lease liabilities, current	31,015	31,555
Operating lease liabilities, noncurrent	480,457	509,240
Total operating lease liabilities	\$ 511,472	\$ 540,795
Finance lease liabilities, current	2,142	3,673
Finance lease liabilities, noncurrent	26,852	2,900
Total finance lease liabilities	\$ 28,994	\$ 6,573

	2023	2022
Weighted average remaining lease term		
Operating leases	25.27 years	25.37 years
Finance leases	18.15 years	1.8 years
Weighted average discount rate		
Operating leases	4.80 %	4.48 %
Finance leases	8.82 %	3.61 %

Maturities of lease obligations are as follows:

Years Ended June 30	Operating Leases	Finance Leases
2024	\$ 53,115	\$ 4,377
2025	48,456	2,955
2026	44,495	2,638
2027	34,355	2,691
2028	29,773	2,745
Thereafter	648,284	46,546
Total lease payments	\$ 858,478	\$ 61,952
Less: Interest	(347,007)	(32,957)
Present value of lease liabilities	\$ 511,471	\$ 28,995

For the years ended June 30, 2023 and 2022, the Corporation paid approximately \$27.5 million and \$27.3 million, respectively, of rent to related parties.

5. CARES Act Stimulus Fund Grants Refundable Advances

During 2020 and 2021, Provider Relief Fund (PRF) and American Rescue Plan (ARP) Rural Distribution grants authorized under the Coronavirus Aid, Relief, and Economic Security (CARES) Act were distributed to healthcare providers impacted by the outbreak of the Coronavirus (COVID-19) pandemic under Catalog of

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
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For the Years Ended June 30, 2023 and 2022

Federal Domestic Assistance (CFDA) #93.498. Revenues from PRF/ARP grants are recognized to the extent of expenses incurred specific to responding to the COVID-19 pandemic. In addition to these eligible expenses, lost revenues, as defined by PRF/ARP guidance, as a result of the pandemic could qualify as eligible for reimbursement. PRF grants of approximately \$13.4 million and \$20.2 million are included in the consolidated statement of operations and changes in net assets as federal grants during 2023 and 2022, respectively.

The guidance issued by the grantor to define eligible expenses and, more specifically, to determine changes in patient care service revenues related to the pandemic that would be eligible for reimbursement is open to interpretation and subject to audit by the granting agency. Therefore, these funds are subject to recoupment by the grantor in the event that the conditions for recognition are deemed not to be met. The Corporation has recorded a reserve of approximately \$0 and \$13.4 million as refundable advance liabilities on the balance sheets as of June 30, 2023 and 2022, respectively.

The passage of the CARES Act also authorized Centers for Medicare and Medicaid Services (CMS) to expand the Medicare Accelerated and Advancement Payment Program to a broader group of Medicare Part A providers and Part B suppliers. As eligible healthcare organizations, UMC, Jewish Hospital, Shelbyville, and ULP were eligible to request up to 100% of their Medicare payment amounts for a six-month period. These payments were issued in April 2020. Recoupment of the advance payment was to begin following a 120-day deferral period. The Continuing Appropriations Act, 2021 and Other Extensions Act which passed on September 30, 2020, allowed providers to extend repayment for a full year before recoupment begins. The recoupment process began April 2021 and payment for submitted claims is to be reduced by 25% for 11 months, then 50% for the following 6 months, and any outstanding payments after this period will be due in full to CMS. The advance payment is included in refundable advances on the consolidated balance sheet.

As of June 30, 2023 and 2022, approximately \$0 and \$31.6 million of unrecouped funds related to Medicare Accelerated and Advanced Payments are included in consolidated balance sheets as refundable advances

6. Medical Malpractice Claims

The Corporation is insured against medical malpractice claims under claims-made based policies, whereby only the claims reported to the insurance carrier during the policy period are covered regardless of when the incident giving rise to the claim occurred. Under the terms of the policies, the Corporation bears the risk of the ultimate costs of any individual claims or aggregate claims exceeding \$22.5 million for claims asserted in the policy year. In addition, the Corporation has an umbrella policy with additional coverage limits. Should the claims-made policies not be renewed or replaced with equivalent insurance, claims based on the occurrences during the claims-made term but reported subsequently will be uninsured.

In September 2023, ULP received an adverse verdict in a malpractice case for approximately \$17 million. Management intends to appeal this verdict. The final resolution is unknown at this time. No liability has been recorded as of June 30, 2023. The Corporation is not aware of any other medical malpractice claims, either asserted or unasserted, that would exceed the policy limits. No claims have been settled during the past three years that have exceeded policy coverage limits. The cost of this insurance policy represents the Corporation's cost for such claims for the year and it has been charged to operations as a current expense.

REQUIRED SUPPLEMENTARY INFORMATION
Schedule of Changes in Total OPEB Liability and Related Ratios
For the Fiscal Year Ending
(in thousands)

	6/30/2023	6/30/2022	6/30/2021	6/30/2020	6/30/2019	6/30/2018
Total OPEB liability						
Service Cost	\$ 2,983	\$ 2,795	\$ 2,538	\$ 2,437	\$ 4,630	\$ 5,203
Interest	1,642	1,956	2,318	2,497	3,296	2,728
Difference between expected and actual experience	4,771	(458)	(1,687)	1,923	(1,718)	(2,608)
Changes of assumption	(12,131)	4,967	5,757	5,488	(27,504)	(5,495)
Benefit payments	(3,790)	(3,558)	(2,927)	(2,836)	(2,817)	(3,007)
Net change in OPEB Liability	\$ (6,525)	\$ 5,702	\$ 5,999	\$ 9,509	\$ (24,113)	\$ (3,179)
OPEB liability - beginning of year	85,940	80,238	74,239	64,730	88,843	92,022
OPEB liability - end of year	\$ 79,415	\$ 85,940	\$ 80,238	\$ 74,239	\$ 64,730	\$ 88,843
Covered employee payroll	\$ 445,201	\$ 434,864	\$ 490,221	\$ 493,893	\$ 450,332	\$ 445,356
Total OPEB liability as a percentage of covered employee payroll	17.84%	19.76%	16.37 %	15.03 %	14.37 %	19.95 %

This schedule is to be built prospectively. Until a full 10-year trend is compiled, the schedule will show information for those years for which data is available.



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RECOMMENDATION TO THE AUDIT, COMPLIANCE, AND RISK COMMITTEE
OF THE UNIVERSITY OF LOUISVILLE BOARD OF TRUSTEES CONCERNING
THE SINGLE AUDIT REPORT

Audit, Compliance, and Risk Committee – October 25, 2023
Board of Trustees – October 25, 2023

RECOMMENDATION:

The President recommends that the Board of Directors approve the Single Audit Report and the Schedule of Expenditures of Federal Awards for the year ended June 30, 2023, as [attached](#).

COMMITTEE ACTION:

Passed X

Did Not Pass _____

Other _____


Signature on file _____
Assistant Secretary

BOARD ACTION:

Passed X

Did Not Pass _____

Other _____


Signature on file _____
Assistant Secretary

**UNIVERSITY OF LOUISVILLE AND
AFFILIATED CORPORATIONS**

SINGLE AUDIT REPORT

YEAR ENDED JUNE 30, 2023



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**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
STUDENT FINANCIAL AID CLUSTER				
UNITED STATES DEPARTMENT OF EDUCATION				
Federal Supplemental Educational Opportunity Grants	84.007		\$ 1,563,747	\$ -
Federal Work Study Program	84.033		765,126	-
Federal Perkins Loan Program	84.038		2,731,417	-
Federal Pell Grant Program	84.063		24,317,657	-
William D. Ford Federal Direct Loan Program	84.268		145,707,487	-
Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)	84.379		233,836	-
SUBTOTAL UNITED STATES DEPARTMENT OF EDUCATION			<u>175,319,270</u>	<u>-</u>
DEPARTMENT OF HEALTH AND HUMAN SERVICES				
Health Professions Student Loans, Including Primary Care Loans and Loans for Disadvantaged Students	93.342		10,669,971	-
Nursing Student Loans	93.364		19,140	-
SUBTOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES			<u>10,689,111</u>	<u>-</u>
TOTAL STUDENT FINANCIAL AID CLUSTER			<u>186,008,381</u>	<u>-</u>
CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY ACT SECTION 2 HIGHER EDUCATION EMERGENCY RELIEF FUND (HEERF)				
UNITED STATES DEPARTMENT OF EDUCATION				
COVID-19 Education Stabilization Fund				
Through US Department of Education	84.425	P425E200107	(900)	-
Through KY Council on Postsecondary Education	84.425	PON2 415 2200002339	112,088	-
SUBTOTAL DEPARTMENT OF EDUCATION			<u>111,188</u>	<u>-</u>
TOTAL CORONAVIRUS AID, RELIEF AND ECONOMIC SECURITY ACT			<u>111,188</u>	<u>-</u>
CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY ACT SECTION 1, EDUCATION STABILIZATION FUND; GOVERNORS EMERGENCY EDUCATION RELIEF (GEER I and II) FUND				
UNITED STATES DEPARTMENT OF EDUCATION				
COVID-19 Education Stabilization Fund				
Through KY Council on Postsecondary Education	84.425C	PON2 415 2300001405	33,590	-
Through KY Council on Postsecondary Education	84.425C	PON2 415 2200002585	58,062	-
TOTAL GOVERNORS EMERGENCY EDUCATION RELIEF AND ECONOMIC SECURITY ACT			<u>91,652</u>	<u>-</u>
CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY ACT SECTION 1, EDUCATION STABILIZATION FUND; ELEMENTARY AND SECONDARY SCHOOL EMERGENCY RELIEF (ESSER) FUND				
UNITED STATES DEPARTMENT OF EDUCATION				
COVID-19 Education Stabilization Fund				
Through KY Dept of Education	84.425D	PON2 540 2200001107	39,610	-
Through KY Dept of Education	84.425D	S425D210026	7,552	-
TOTAL ELEMENTARY AND SECONDARY SCHOOL EMERGENCY EDUCATION RELIEF AND ECONOMIC SECURITY ACT			<u>47,162</u>	<u>-</u>

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
AMERICAN RESCUE PLAN SECTION 1, EDUCATION STABILIZATION FUND: ELEMENTARY AND SECONDARY SCHOOL EMERGENCY EDUCATION RELIEF (ARP ESSER) FUND				
UNITED STATES DEPARTMENT OF EDUCATION				
COVID-19 Education Stabilization Fund				
Through KY Council on Postsecondary Education	84.425U	PON2 415 2200002579	51,272	-
Through KY Council on Postsecondary Education	84.425U	PON2 415 2300002183 1	11,620	-
Through KY Council on Postsecondary Education	84.425U	PON2 415 2300002184	11,742	-
Through KY Council on Postsecondary Education	84.425U	PON24152300002181	1,382	-
TOTAL ARP ELEMENTARY AND SECONDARY SCHOOL EMERGENCY EDUCATION RELIEF			<u>76,016</u>	<u>-</u>
TOTAL CORONAVIRUS AID, RELIEF, AND ECONOMIC AND ECONOMIC SECURITY ACT SECTIONS 1 AND 2				
		84.425 Total	326,019	-
THE CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY ACT ("CARES ACT")				
DEPARTMENT OF TREASURY				
COVID-19 Coronavirus Relief Fund				
Through KY Cabinet for Health & Family Services	21.019	Start-up Stipend Child Ca	466,125	-
SUBTOTAL DEPARTMENT OF TREASURY			<u>466,125</u>	<u>-</u>
DEPARTMENT OF TREASURY				
COVID-19 Coronavirus State And Local Fiscal Recovery Funds				
Through KY Cabinet for Health and Family Svs	21.027	PON2 728 2200003937	528,967	-
Through Louisville Metro Government	21.027	CSLFRF-LMPHW-FY22-009	97,866	-
Through Louisville Metro Government	21.027	CSLFRF-LMPHW-FY22-009	729,364	161,549
Through Louisville Metro Government	21.027	ARP-006-PHW	275,075	-
Through Louisville Metro Government	21.027	CSLFRF-LMPHW-FY22-010	-	-
Through Louisville Metro Government	21.027	CSLFRF-SHN-FY22-004	92,986	-
Through Louisville Metro Government	21.027	CSLFRF-LMPHW-FY23-006	31,327	-
Through Louisville Metro Government	21.027	CSLFRF-LMPHW-FY23-014	13,930	-
Through Pushing Forward Inc	21.027	CSLRF-OSHN-FY23-011	10,197	-
Through KY Council on Postsecondary Education	21.027	PON2 415 2300000285	113,422	-
SUBTOTAL DEPARTMENT OF TREASURY			<u>1,893,134</u>	<u>161,549</u>
TOTAL CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY ACT ("CARES ACT")			2,359,259	
RESEARCH AND DEVELOPMENT CLUSTER				
DEPARTMENT OF AGRICULTURE				
Agriculture and Food Research Initiative (AFRI)	10.310	2022-67012-37017	1,647	-
Agriculture and Food Research Initiative (AFRI)	10.310	2022-67012-37017	85,008	24,999
Agriculture and Food Research Initiative (AFRI)	10.310	2018-67012-32499	7,759	-
Agriculture and Food Research Initiative (AFRI)	10.310	2021-67021-34768	145,122	-
Farm and Ranch Stress Assistance Network Competitive Grants Program	10.525	PON2 035 2200000454	40,353	-
WIC Special Supplemental Nutrition Program for Women, Infants, and Children	10.557	PO2 728 1600004675 1	-	-
State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561	PON2 736 2200002523	100,445	-
SUBTOTAL DEPARTMENT OF AGRICULTURE			<u>380,333</u>	<u>24,999</u>

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF COMMERCE				
Economic Adjustment Assistance				
Through U.S. Economic Development Administration	11.307	ED21HDQ3070047	408,115	-
Manufacturing Extension Partnership				
Through Natl Inst of Standards and Technology	11.611	70NANB22H106	514,833	-
Through Natl Inst of Standards and Technology	11.611	70NANB23H079	3,582	-
Through Natl Inst of Standards and Technology	11.611	70NANB22H106	475,443	-
Science, Technology, Business and/or Education Outreach				
Through Assoc of Public Land Grant Univ	11.620	2113-3	111,840	-
Minority Business Resource Development				
Through U.S. Department of Commerce	11.802	MB21OBD8020222	273,211	-
SUBTOTAL DEPARTMENT OF COMMERCE			<u>1,787,024</u>	-
DEPARTMENT OF DEFENSE				
Department of Defense Contracts				
Through Advanced Technology International	12.000	MCDC2006-010	807,674	470,071
Through Advanced Technology International	12.000	MCDC2006-010	252,569	-
Through Advanced Technology International	12.000	MCDC2006-010	32,264	-
Channel Logistics DBA Space Eyes	12.000	FA9453-22-CA024 P00003	64,849	-
Through Framergy Inc	12.000	Solid-Solid-State HigStat	44,588	-
Through GXM Consulting LLC	12.000	W911NF-16-D-0039	11,768	-
Through InfoBeyond Technology LLC	12.000	W56HZV-22-C-0014	118,892	-
Through InfoBeyond Technology LLC	12.000	W56HZV-21-C-0053	365	-
Through NextGen Aeronautics	12.000	PO 19-01	2	-
Through QuesTek Innovations LLC	12.000	PO 1400	291	-
Through QuesTek Innovations LLC	12.000	PO: 1675	29,864	-
Through Scientech Inc	12.000	140D0422C0011	129,358	-
Through Technical Data Analysis, Inc.	12.000	N68335-21-C-0168	77,127	-
Through University of California, San Diego	12.000	HR0011-20-9-0043	14,438	-
Through University of Pittsburgh	12.000	AWD0002988-2	45	-
Through University of Pittsburgh	12.000	0055964-7	5,045	-
Through University of Pittsburgh	12.000	0061688-7	25,746	-
Through University of Pittsburgh	12.000	0061688-7	55,196	-
Through US Army Contracting Command NJ	12.000	W15QKN20D5067	53,252	-
Through US Department of Defense	12.000	H9245419P0011	3,558	-
Through US Department of the Army at Fort Knox	12.000	IM-W912D-19011-MOA-S	80,746	-
Through US Department of the Army at Fort Knox	12.000	MEC 701-22	818	-
Through US Department of the Army at Fort Knox	12.000	IM-W9124D-19011-MOA-S	476,433	-
Through US Department of the Army at Fort Knox	12.000	MEC 2022 Fellowship Progr	21,419	-
Through US Department of the Army at Fort Knox	12.000	MEC 701-23	686,762	-
Through US Department of the Army at Fort Knox	12.000	IM-W9124D-19011-MOA-S	(750)	-
Through US Department of the Army at Fort Knox	12.000	IM-W9124D-19011-MOA-S	19,576	-
Through US Department of the Army at Fort Knox	12.000	IM-W9124D-19011-MOA-S	733,143	-
Basic and Applied Scientific Research				
Through Federal Contractor 1	12.300	Confidential	57,918	-
Through Jewish Hospital	12.300	DOD, ONR SUB	(84,693)	-
Through Texas Research Institute Austin, Inc.	12.300	N6833520C0190	195	-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF DEFENSE (CONTINUED)				
Basic Scientific Research - Combating Weapons of Mass Destruction	12.351	HDTRA1-15-1-0027	-	-
Military Medical Research and Development				
Through Christopher & Dana Reeve Foundation	12.420	NACTN Registry-Year 13	-	-
Through Christopher & Dana Reeve Foundation	12.420	CTN10-2023(SH)	10,275	-
Through Christopher & Dana Reeve Foundation	12.420	CTN10-2022(SH)	45,965	-
Through Drexel University	12.420	940011	55,080	-
Through Fox Chase Chemical Diversity Center, Inc	12.420	W81XWH1810638-UL	(14,036)	-
Through Henry Jackson Foundation	12.420	66495 PO# 1008831	10,602	-
Through Kessler Institute for Rehabilitation	12.420	435-01	16,143	-
Through Owensboro Medical Health System	12.420	W81XWH-10-2-0082	-	-
Through University of Kentucky Research Foundation	12.420	3200003271-20-305	68,030	-
Through University of Miami	12.420	OS00000029	114,942	-
Through University of Missouri	12.420	C00076905-1	2,564	-
Through University of Missouri	12.420	W81XWH1520037	-	-
Through University of Texas at Houston	12.420	SPC-001456 / SA0000929	9,184	-
Through U.S. Army Med Research Acq Activity	12.420	HT94252310017	70,506	-
Through U.S. Army Med Research Acq Activity	12.420	HT94252310283	22,795	-
Through U.S. Army Med Research Acq Activity	12.420	W81XWH	1,003,141	-
Through U.S. Department of Defense	12.420	W81XWH	1,330,976	4,227
Basic Scientific Research				
Through QinetiQ Inc.	12.431	48408	173,242	-
Basic, Applied, and Advanced Research in Science and Engineering				
Through National Science Teaching Association	12.630	23-871-011	13,446	-
Information Security Grants				
Through National Security Agency	12.902	H98230-20-01-0313	10,102	1,718
CyberSecurity Core Curriculum				
Through National Security Agency	12.905	H98230-21-1-0154	254,076	-
Through National Security Agency	12.905	H98230-20-0347	2,543,522	728,662
SUBTOTAL DEPARTMENT OF DEFENSE			<u>9,459,015</u>	<u>1,204,677</u>
DEPARTMENT OF INTERIOR				
Assistance to State Water Resources Research Institutes				
Through KY Water Resources Research Institute	15.805	3200004323-22-066	(45)	-
Through University of Kentucky Research Foundation	15.805	3200004323-23-095	17,045	-
Through University of Kentucky Research Foundation	15.805	3200004323-23-093	14,605	-
SUBTOTAL DEPARTMENT OF INTERIOR			<u>31,605</u>	<u>-</u>
DEPARTMENT OF JUSTICE				
Department of Justice Contract				
Through Commonwealth of Kentucky	16.000	Expansion of Jefferson Fa	(43,778)	-
Through Ohio Valley Education Cooperative	16.000	2019-YS-BX-0033	26,437	-
Through U.S. Dept. of Justice	16.000	2010CKWXK033	0	-
National Institute of Justice Research, Evaluation, and Development				
Project Grants				
Through National Institute of Justice	16.560	2019 DU BX 0029	99,289	49,825
Through National Institute of Justice	16.560	2019-R2-CX-0038	39,780	-
Through National Institute of Justice	16.560	2017-DN-BX-0158	-	-
Through National Institute of Justice	16.560	2016-CK-BX-0017	0	-
Through National Institute of Justice	16.560	45-0306-1032-201	20,171	-
Through University of Nebraska, Omaha	16.560	2018-VA-CX-0003	47,418	-
Through U.S. Dept. of Justice				
B - Cooperative Agreements	16.833	PON2 040 2200004151	39,787	-
of Justice Assistance				
Through Office of the Attorney General - KY				
SUBTOTAL DEPARTMENT OF JUSTICE			<u>229,105</u>	<u>49,825</u>
DEPARTMENT OF LABOR				
H-1B Job Training Grants				
Through U.S. Dept. of Labor	17.268	HG-34348-20-60-A-21	661,274	256,085
SUBTOTAL DEPARTMENT OF LABOR			<u>661,275</u>	<u>256,085</u>

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF TRANSPORTATION				
Federal Highway Administration through National Academy of Science	20.000	NCHRP-217	5,041	-
Highway Planning and Construction through Univ of Kentucky Research Foundation	20.205	7800006014.000	7,815	-
Research through University of Kentucky Research Foundation	20.505	3049025467-15-041	2,055	-
National Priority Safety Programs	20.616	PON2 605 2200000682	2,618	-
Through Kentucky Transportation Cabinet	20.616	PON2 605 2200000593	52,481	29,907
Through Kentucky Transportation Cabinet	20.616	PON2 605 2300000304	41,291	-
SUBTOTAL DEPARTMENT OF TRANSPORTATION			111,301	29,907
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION				
NASA Contracts	43.000	8NSSC21P1905	10,809	-
Through National Aeronautics and Space Adm	43.000	HST-GO-14764.007-A	389	-
Through Space Telescope Science Institute	43.000	HST-GO-15107.001-A	-	-
Through Space Telescope Science Institute	43.000	3210001706-22-024	3,857	-
Through University of Kentucky Research Foundation	43.000	3210001706-22-025	4,713	-
Through University of Kentucky Research Foundation	43.000	3210001706-22-029	1,994	-
Through University of Kentucky Research Foundation	43.000	3210001706-22-030	3,194	-
Aerospace Education Services Program	43.001	1(GG013215)	10,429	-
Through Columbia University	43.001	1596617	7,294	-
Through National Aeronautics and Space Adm	43.001	3210001706-22-032	3,714	-
Through University of Kentucky Research Foundation				
Aeronautics	43.002	80NSSC21M0240	23,418	-
Through NASA National Aeronautics & Space Admin				
Office of Stem Engagement (OSTEM)	43.008	3210001706-22-147	23,773	-
Through KY NSF EPScoR	43.008	C20-202032-UofL	99,440	-
Through National Institute of Aerospace	43.008	3210001706-23-030	5,209	-
Through University of Kentucky Research Foundation	43.008	3200003095-23-133	7,629	-
Through University of Kentucky Research Foundation	43.008	3210001706-21-069	-	-
Through University of Kentucky Research Foundation	43.008	3210001706-23-203	5,365	-
Through University of Kentucky Research Foundation	43.008	3210001706-22-144	3,734	-
Through University of Kentucky Research Foundation	43.008	3210001706-23-144	15,905	-
Through University of Kentucky Research Foundation	43.008	3200003095-21-047	(0)	-
Through University of Kentucky Research Foundation	43.008	3210000183-19-163	-	-
Through University of Kentucky Research Foundation	43.008	3210001706-23-023	33,443	-
Through University of Kentucky Research Foundation	43.008	3200004279-22-059	22,869	-
Through University of Kentucky Research Foundation	43.008	PO:7800006580 - 321000170	3,148	-
Through University of Kentucky Research Foundation	43.008	3200003095-22-058	15,300	-
Through University of Kentucky Research Foundation	43.008	3210001706-23-028	5,148	-
Through University of Kentucky Research Foundation	43.008	3200003207-21-073	15,910	-
Through University of Kentucky Research Foundation	43.008	3200003095-21-068	-	-
Through University of Kentucky Research Foundation	43.008	3210001706-23-027	7,114	-
Through University of Kentucky Research Foundation	43.008	3210001706-22-143	3,768	-
Through University of Kentucky Research Foundation	43.008	3210001706-23-106	7,825	-
Space Technology	43.012	80NSSC21K0359	36,417	-
Through National Aeronautics and Space Adm	43.012	12000338-023	31,648	-
Through Purdue University				-
SUBTOTAL NATIONAL AERONAUTICS AND SPACE ADMINISTRATION			413,454	
NATIONAL ENDOWMENT FOR THE HUMANITIES				
Promotion of the Humanities Research	45.161	RFW-286703-22	33,071	-
SUBTOTAL NATIONAL ENDOWMENT FOR THE HUMANITIES			33,072	-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
NATIONAL SCIENCE FOUNDATION				
National Science Foundation Contract	47.000	2031008	231,386	-
Through National Science Foundation	47.041		3,284,582	408,711
Engineering Grants	47.041	E204620-02	4,589	-
Through George Mason University	47.041	E2060012	11,561	-
Through George Mason University	47.041	AWD-002244-G3	30,000	-
Through GA Institute of Technology	47.041	NSF 12-548	213	-
Through The Spirituality Network	47.041	3200004997-23-117	10,497	-
Through Univ of Kentucky Research Foundation	47.041	3200004888-23-021	10,073	-
Through Univ of Kentucky Research Foundation	47.041	125918479	86,130	-
Through University of California, San Diego	47.049		895,521	-
Mathematical and Physical Sciences	47.050		72,514	-
Geosciences	47.070		1,094,775	7,595
Computer and Information Science and Engineering	47.070	RC112122A	-	-
Through Michigan State University	47.074		315,767	-
Biological Sciences	47.074	316	2,294	-
Through Florida International University	47.074	190-1170255-92228	7,756	-
Through SUNY Geneseo	47.075		241,900	68,425
Social, Behavioral, and Economic Sciences	47.075	G-05018-02	14,887	-
Through Colorado State University	47.076		1,067,368	20,749
Education and Human Resources	47.076	3200002015-19-040	72,163	-
Through University of Kentucky Research Foundation	47.076	2022GC0101	63,358	-
Through University of Texas at Arlington	47.079	1824851	95,345	-
Office of International Science and Engineering	47.083		488,247	-
Office of Integrative Activities	47.083	3048114805-22-060	125,669	-
Through University of Kentucky Research Foundation	47.083	3200002692-20-027	1,251,706	-
Through University of Kentucky Research Foundation	47.084		191,205	-
NSF Technology, Innovation, and Partnerships	47.084	OSA00000171	25,416	-
Through Vanderbilt University			9,694,923	505,479
SUBTOTAL NATIONAL SCIENCE FOUNDATION			9,694,923	505,479
SMALL BUSINESS ADMINISTRATION				
Growth Accelerator Fund Competition	59.065	US SBA Title: Accelerated	3,745	-
SUBTOTAL SMALL BUSINESS ADMINISTRATION			3,746	-
DEPARTMENT OF VETERANS AFFAIRS				
Department of Veterans Affairs Contracts	64.000		32,434	-
Through US Department of Veterans Affairs	64.000		237,317	-
Through V.A. Medical Center	64.000	FF91F010-FEB7-481D-9399-8	0	-
Through Cognitive Medical Systems Inc	64.000	Implementing the Behavior	19,927	-
Through Providence VA Medical Center			289,680	-
SUBTOTAL DEPARTMENT OF VETERANS AFFAIRS			289,680	-
ENVIRONMENTAL PROTECTION AGENCY				
Environmental Protection Agency	66.000	EPA Faculty Summer Fellow	13,568	-
Regional Wetland Program Development Grants	66.461	00D98019	81,192	-
Pollution Prevention Grants Program	66.708	PON2 129 2300001261	29,195	-
SUBTOTAL ENVIRONMENTAL PROTECTION AGENCY			123,956	-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF ENERGY				
U.S. Department of Energy Contract	81.000	670219	86	-
Through Fermi National Accelerator Laboratory				
Office of Science Financial Assistance Program	81.049	DE-SC0019348	37,188	-
Through U.S. Dept. of Energy	81.049	DE-SC0021229	132,652	50,588
Through U.S. Dept. of Energy	81.049	DE-SC0021257	137,724	-
Through U.S. Dept. of Energy	81.049	DE-SC0022350	93,277	-
Through U.S. Dept. of Energy	81.049	2022-1818	63,149	-
Through University of California - Irvine				
Conservation Research and Development	81.086	DE-EE0008866	125,229	-
Through U.S. Dept. of Energy	81.086	DE-DD0006291	4,401	-
Through National Trust for Historic Preservation				
Renewable Energy Research and Development	81.087	DE-EE0008972	75,117	-
Through Energy Materials Corporation	81.087	4450 G WA318	90,796	-
Through The Regents of the Univ of California	81.087	DE-EE0008752	121,085	-
Through U.S. Dept. of Energy	81.087	WSU# 22-00767	21,855	-
Through Wichita State University	81.089	DE-FE0031916	275,459	1,130
Fossil Energy Research and Development through U.S. Dept. of Energy				
Energy Efficiency and Renewable Energy Information Dissemination,	81.117	DE-EE0009724 (0001)	277,237	-
Outreach, Training and TA/Assistance Through U.S. Dept. of Energy				
SUBTOTAL DEPARTMENT OF ENERGY			1,455,257	51,718
DEPARTMENT OF EDUCATION				
Department of Education Contracts	84.000	460400006	62,865	-
Through American Institutes for Research	84.000	DSG Task Order 001	28,993	-
Through Development Services Group, Inc.	84.000	DSG Task Order 0002	16,792	-
Through Development Services Group, Inc.	84.000	PON2 540 2100003474	(25,049)	-
Through KY Dept of Education	84.000	1800563663	368	-
Through University of Florida	84.000	FY23 Federal IASG	-	-
Through US Department of Education				
Career and Technical Education-Basic Grants to States	84.048	PON2 540 2100002657	(6,963)	-
Through KY Dept of Education	84.048	PON2 540 2100003137	78,742	-
Through KY Dept of Education	84.048	PON2 540 2200003118	91,781	-
Through KY Dept of Education	84.048	PON2 540 2200003652	187,305	-
Through KY Dept of Education	84.048	PON2 540 2300000927	89,241	-
Through KY Dept of Education				
Fund for the Improvement of Postsecondary Education	84.116	U411A1600004	-	-
Through National Writing Project Corporation				
School Safety National Activities	84.184	PON2 540 2300001310	4,314	-
Through KY Dept of Education				
Education Research, Development and Dissemination	84.305	60062510 UOL	56,299	-
Through Northwestern University	84.305	2511	38,982	-
Through University of Wisconsin Madison				
Special Education - State Personnel Development	84.323	PON2 540 2200000771	129,681	41,475
Through KY Dept of Education				
Research in Special Education	84.324	R324A190173	387,261	195,920
Through U.S. Dept. of Education	84.324	R324A150179	(351)	-
Through U.S. Dept. of Education	84.324	R324A150221	378	-
Through Oregon Research Institute	84.324	R324N190002-21	44,331	-
Through University of Kansas				
Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	84.325	H325D180105	212,729	-
Through U.S. Dept. of Education	84.325	PO7800005220	283,629	-
Through Univ of Kentucky Research Foundation	84.325	2111-002	314,631	-
Through University of North Florida				

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
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Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF EDUCATION (CONTINUED)				
Supporting Effective Instruction State Grants	84.367	PON2 540 2300001142	18,257	-
Through KY Dept of Education	84.367	PON2 540 2300000094	40,673	-
Through KY Dept of Education				
ARRA - Investing in Innovation (i3) Fund	84.411	93-KY03-2020i3C3WP	-	-
Through National Writing Project Corporation	84.411	92-KY03-2021i3Conf	-	-
Through National Writing Project Corporation			-	-
SUBTOTAL DEPARTMENT OF EDUCATION			2,054,891	237,394
DEPARTMENT OF HEALTH AND HUMAN SERVICES				
Department of Health and Human Services Contracts	93.000		3,219	-
Through National Institutes of Health	93.000	75D30119C05584	-	-
Through Boston Childrens Hospital	93.000	303000771.000	16,054	-
Through Duke Clinical Research Institute	93.000	A034254	16,081	-
Through Duke Clinical Research Institute	93.000	203-8012	2,108	-
Through Duke Clinical Research Institute	93.000	NICHD-2019-POP02	473	-
Through Duke University	93.000	EA3161	142	-
Through ECOG ACRIN Cancer Research Group	93.000	VAC31518cov3001	97,418	-
Through Janssen Vaccines & Prevention B.V.	93.000	CRB-SSS-S-21-006021	5,172	-
Through Social and Scientific Systems Inc	93.000	SWOG S1803 DRAMMATIC St	479	-
Through Southwest Oncology Group	93.000	DMID 21-0034	16,800	-
Through University of Alabama at Birmingham-BOT	93.000	1R43HL162240-01	41,777	-
Through Vcardio Inc				
Training in General, Pediatric, and Public Health Dentistry	93.059	1 D87HP46115 01 00	9,530	-
Through US Health Resources and Services HRSA				
Birth Defects and Developmental Disabilities - Prevention and Surveillance Through PGXL Technologies, LLC	93.073	1R43DD001299 01-00	3,199	-
Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077		686,002	-
Through National Institutes of Health	93.077	4500004224	9,553	-
Through Boston University	93.077	4500004234	23,366	-
Through Boston University	93.077	156423-A06	1,712,492	-
Through National American Heart Association	93.077	FX-ATRAC-5U54HL120163-UL-	32,478	-
Through National American Heart Association	93.077	FX-ATRAC-UL-03	(412)	-
Through National American Heart Association	93.077	FX-ATRAC-UL1-03	(1,419)	-
Through National American Heart Association	93.077	FX-ATRAC-UL1-04	2,512	-
Through National American Heart Association	93.077	FX-ATRAC-UL1-05	1,228	-
Food and Drug Administration Research	93.103	HHSF223201810171C	106,023	7,756
Through Department of Health & Human Serv	93.103	PedMigraine 234691/240919	1,936	-
Through Duke Clinical Research Institute				
Area Health Education Centers	93.107	2 U77HP03023-29-00	349,406	145,983
Through US Health Resources and Services HRSA	93.107	2U77HP03023-24-00	-	-
Through US Health Resources and Services HRSA	93.107	5U77HP03023-26-00	30,063	30,063
Through US Health Resources and Services HRSA	93.107	5U77HP03023-28-00	749,968	729,706
Through US Health Resources and Services HRSA				
Maternal and Child Health Federal Consolidated Programs	93.110	UH7MC30776	0	-
Through Texas Health Institute	93.110	Evaluation Services	5,345	-
Through Texas Health Institute	93.113		7,670,449	908,380
Biological Response to Environmental Health Hazards	93.113	M2102063	31,802	-
Through Texas A&M University System	93.113	M2102937	12,816	-
Through Texas A&M University System	93.113	M2102938	19,747	-
Through Texas A&M University System	93.113	A22-0441-S001	33,191	-
Through University of Alabama	93.113	000520645-SC001	76,515	-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF HEALTH AND HUMAN SERVICES (CONTINUED)				
Through University of Alabama at Birmingham	93.113	000520645-SC001	27,315	-
Through University of Alabama at Birmingham	93.113	GR15741	12,529	-
Through University of Kansas Medical Center	93.113	AWD00002134 (134283-1)	(708)	-
Through University of Pittsburgh	93.113	40538A-1	26,388	-
Through Van Andel Institute	93.121		3,427,460	524,350
Oral Disease and Disorders Research	93.121	RJ852-G1/AWD-101454-G3	202,409	-
Through Georgia Institute of Technology	93.121	700302-1223-00	21,905	-
Through Nationwide Childrens Hospital	93.121	SUB00003048	26,372	-
Through University of Florida	93.121	SP14472-SB2 -1R01DE031928	102,846	-
Through University of Mississippi	93.121	SP14014-SB1	643	-
Through University of Mississippi Medical Center				
Emergency Medical Services for Children	93.127	The Kentucky EMS	16,510	-
Through Kentucky Community and Technical College				
Injury Prevention and Control Research and State Community Based Programs	93.136	5U01CE002711-03	520	-
Through Centers for Disease Control	93.136	5U01CE002711-04-00	2,110	2,110
Through Centers for Disease Control	93.143		1,669,847	167,341
NIEHS Superfund Hazardous Substances_Basic Research and Education				
Coordinated Services and Access to Research for Women, Infants, Children, and Youth	93.153	5H12HA24829-08-00	0	-
Through US Health Resources and Services HRSA	93.153	H12HA24829-09-01	33,791	-
Through US Health Resources and Services HRSA				
Geriatric Training for Physicians, Dentists and Behavioral/Mental Health Professionals Through Univ of Kentucky Research Foundation	93.156	3200005145-23-085	93,565	-
Human Genome Research	93.172	2000.044.03-01	839,907	434,644
Through HudsonAlpha Institute for Biotechnology	93.172	2000.044.03-01	71,704	-
Through HudsonAlpha Institute for Biotechnology	93.172	2000.044.03-01	(412)	-
Through HudsonAlpha Institute for Biotechnology	93.172	20000.044.03-01	40,400	-
Through HudsonAlpha Institute for Biotechnology	93.172	SA0000073 -5R01HG011252-0	102,158	-
Through University of Texas at Houston	93.173		772,080	-
Research Related to Deafness and Communication Disorders	93.173	FY20.1038.002	(179)	-
Through University of Colorado Denver	93.173	3200002435-20-002	2,050	-
Through University of Kentucky Research Foundation				
Immunization Research, Demonstration, Public Information and Education Training and Clinical Skills Improvement Projects	93.185	NIPA HPV WAVE 5	413	-
Through Academic Pediatric Association				
Research and Training in Complementary and Alternative Medicine	93.213	1R01AT008617-01A1	(59,659)	-
Through National Institutes of Health	93.213	2R01AT008617-06A1	310,937	-
Through National Institutes of Health	93.213	3R01AT008617-04S1	15	-
Through National Institutes of Health				
Research on Healthcare Costs	93.226	SCON-0000461	36,901	-
Through RAND Corporation				
National Center on Sleep Disorders Research	93.233	SUB00003343	70,538	-
Through University of Florida	93.242		1,249,493	48,601
Mental Health Research Grants				
Substance Abuse and Mental Health Services_Projects of Regional and National Significance	93.243	1H79TI082725-02	777	-
Through SAMHSA	93.243	1H79TI082725-03	343,847	256,634
Through SAMHSA	93.243	5H79SM081133-03	16,680	-
Through SAMHSA	93.243	5H79TI082725-04	16,191	-
Through SAMHSA	93.243	5U79SM062504-03	(0)	-
Through SAMHSA	93.243	5U79SM063218-04	-	-
Through SAMHSA	93.243	5U79SM063218-05	(0)	-
Through SAMHSA	93.243	PON2 729 2300001458	2,589	-
Through KY Cabinet for Health and Family Services	93.243	Louisville Trauma Resilie	98,726	-
Through Louisville/Jefferson Co Metro Government	93.243	Louisville Trauma Resilie	35,546	-
Through Louisville/Jefferson Co Metro Government				

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF HEALTH AND HUMAN SERVICES (CONTINUED)				
Geriatric Academic Career Awards Department of Health and Human Services	93.250	1 K01HP33455-02-00	(0)	-
Through Health Res. & Services Admin.	93.250	5 K01HP33455-03-00	(1,748)	-
Through Health Res. & Services Admin.	93.250	5 K01HP33455 04 00	82,437	-
Through Health Res. & Services Admin.				
Substance Abuse and Mental Health Services_Projects of Regional and National Significance Through Ky. Cabinet for Health & Family Services	93.251	SC-767-1800004697v1	(0)	-
	93.273		3,510,119	166,562
Alcohol Research Programs	93.273	02_UL_05566	67,108	-
Through Boston Medical Center Corp	93.273	SP00013329-02	14,658	-
Through Georgia State University	93.273	56449095 / S90000837	(8,006)	-
Through University of California, San Diego	93.273	SUB00002915	29,233	-
Through University of Florida	93.273	SUB00002915	120,544	-
Through University of Florida	93.273	AWD00002359 (134626-1)	91,629	-
Through University of Pittsburgh	93.273	VUMC95891	119,470	-
Through Vanderbilt University	93.273	VUMC95891	60,277	-
Through Vanderbilt University	93.273	VUMC 64149	229,575	-
Through Vanderbilt University				
Drug Abuse and Addiction Research Programs	93.279	U24HD107621	2,797	-
Through RTI International - A Private Non-Profit				
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	1R21HL132263-01A1	0	-
Through NIH National Institutes of Health				
Minority Health and Health Disparities Research	93.307	2R42MD015915-02	243,911	-
Through Fetal Life, LLC	93.310		1,420,512	-
Trans-NIH Research Support	93.310	303001183	36,276	-
Through Duke Clinical Research Institute	93.310	A03-5280	57,041	-
Through Duke Clinical Research Institute	93.310	A032486	46	-
Through Duke University	93.310	A03-5359	20,943	-
Through Duke University	93.310	5UH3OD023253-06	110,134	-
Through Massachusetts General Hospital	93.310	5UH3OD023253-07 - 223284	79,608	-
Through Massachusetts General Hospital	93.310	54005.000	31,387	-
Through University of Arkansas	93.310	54487-BREATHE	12,600	-
Through University of Arkansas	93.310	3200004318-22-055	83,091	-
Through University of Kentucky Research Foundation	93.310	3200005063-23-069	377,361	-
Through University of Kentucky Research Foundation	93.310	C00079400-1	493,671	-
Through University of Missouri				
Early Hearing Detection and Intervention Information System (EHDI-IS) Surveillance Progr.	93.314	PON2 767 22 3971	1,452	-
Through KY Cabinet for Health and Family Services				
Research Infrastructure Programs	93.351	1R41OD031942 01A1	56,195	-
Through 3P Biotechnologies Inc	93.351	1S10OD032361-01	408,398	-
Through NIH National Institutes of Health	93.351	3200004345-22-116	29,019	-
Through University of Kentucky Research Foundation	93.352	1C06OD030129-01	4,706,438	-
Construction Support through National Institutes for Health				
Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response	93.354	PON2 728 2300001357	21,746	-
Through KY Dept for Public Health				
Nursing Research	93.361	3200001034-19-012	-	-
Through Univ of Kentucky Research Foundation				
Sickle Cell Treatment Demonstration Program	93.365	1 U1EMC42461 01 00	42,164	-
Through University of Alabama at Birmingham				
National Center for Research Resources	93.389	1P30RR031159-01A1	43,190	-
Through NIH National Institutes of Health				
Activities to Support State, Tribal, Local and Territorial (STLT)	93.391	1 NH75OT000023-01-00	44,801	-
Health Department Response to Public Health or Healthcare Crises				
Through Louisville Metro Government	93.393		29,245	-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
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Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF HEALTH AND HUMAN SERVICES (CONTINUED)				
Cancer Cause and Prevention Research	93.393	5R01CA166785-04	21	-
Through Georgia Regents Augusta State University	93.393	FY22.1149.002	5,303	-
Through University of Colorado Denver	93.393	S02859-01	37,747	-
Through University of Iowa	93.394	1R15CA242482-01	91,295	-
Cancer Detection and Diagnosis Research	93.394	AWD00003098 (135679-2)	220,484	-
Through University of Pittsburgh	93.395		1,038,112	12,474
Cancer Treatment Research through National Institutes of Health	93.395	S1505	490	-
Through Alliance for Clinical Trials in Oncology	93.395	Z11102	1,011	-
Through Alliance for Clinical Trials in Oncology	93.395	Alliance A151216	28	-
Through Brigham and Womens Hospital	93.395	APEC1621SC 9500080215-12C	1,757	-
Through Childrens Hospital of Philadelphia	93.395	APEC1621D 9500080215-12C	312	-
Through Childrens Hospital of Philadelphia	93.395	APEC14B1	5,077	-
Through Childrens Oncology Group	93.395	EA3132	605	-
Through ECOG-ACRIN Cancer Research Group	93.395	EA2165	239	-
Through ECOG-ACRIN Cancer Research Group	93.395	EAA173 (DETER-SMM) Daratu	181	-
Through ECOG-ACRIN Cancer Research Group	93.395	Development of Polymeric	(21,213)	-
Through Immunophotonics, Inc.	93.395	238,745	183,846	-
Through Massachusetts General Hospital	93.395	NRG-LU005	50	-
Through NRG Oncology Foundation, Inc.	93.395	GOG-0281	586	-
Through NRG Oncology Foundation, Inc.	93.395	RTOG 1216 RADIATION	1,432	-
Through NRG Oncology Foundation, Inc.	93.395	HN008	189	-
Through NRG Oncology Foundation, Inc.	93.395	NRG-GY006	16	-
Through NRG Oncology Foundation, Inc.	93.395	S1802	170	-
Through Oregon Health Sciences Univ.	93.395	AALL1732	1,755	-
Through PHI Public Health Institute	93.395	ARST1431	34	-
Through PHI Public Health Institute	93.395	AHEP1531	450	-
Through PHI Public Health Institute	93.395	AAML1921-ITCC-054	2,300	-
Through PHI Public Health Institute	93.395	AALL1731	4,008	-
Through PHI Public Health Institute	93.395	417564G/UR FAO GR510917	54,768	-
Through University of Rochester Medical Center	93.396		(14,275)	-
Cancer Biology Research	93.396	S03602-01	12,961	-
Through University of Iowa	93.396	3049025772-15-059	464	-
Through University of Kentucky Research Foundation	93.398		359,981	-
Cancer Research Manpower				
Cancer Control	93.399	UG1CA189867	463	-
Through NRG Oncology Foundation, Inc.	93.472	454094-22-129	-	-
Title IV-E Prevention Program through Eastern Kentucky University				
Affordable Care Act Public Health Training Centers Program	93.516	A505058	-	-
Through Emory University				
Temporary Assistance for Needy Families	93.558	PON27362100002157	-	-
Through Eastern Kentucky University				
Child Support Enforcement Research	93.564	PON2 727 2100000919	7,289	-
Through KY Cabinet for Health & Family Services	93.564	PON2 727 2200001787	347,329	-
Through KY Cabinet for Health & Family Services				-
Assistance for Torture Victims	93.604	90ZT0210-01-03	232,904	147,008
Through Department of Health & Human Serv	93.604	90ZT0210-02-01 (Amend 1)	(0)	-
Through Department of Health & Human Serv				
Child Welfare Services Training Grants	93.648	24-0520-0249-003	297,370	-
Through University of Nebraska-Lincoln				
Adoption Opportunities	93.652	90CO1028/01	2	-
Through US Dept of Health and Human Services				
Foster Care_Title IV-E	93.658	PON2 736 2200002742	21,305	-
Through Commonwealth of Kentucky	93.658	454066-22-121	(0)	-
Through Eastern Kentucky University	93.658	454074-22-123	(0)	-
Through Eastern Kentucky University	93.658	PON2 736 2200002780	172,044	-
Through KY Cabinet for Health and Family Services				

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
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Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF HEALTH AND HUMAN SERVICES (CONTINUED)				
Chafee Foster Care Independence Program	93.674	PON27362100002157	(0)	-
Through Eastern Kentucky University				
Trans-NIH Recovery Act Research Support	93.701	1U01NS026835-01A1	2,000	-
Through Emmes Company LLC				
Mental and Behavioral Health Education and Training Grants	93.732	1 M01HP42454 01 00	41,896	-
Through US Health Resources and Services HRSA	93.732	1 M01HP42454 01 00	72,088	-
Through US Health Resources and Services HRSA	93.732	1 M01HP42454 02 00	209,095	-
Through US Health Resources and Services HRSA	93.732	1 M01HP42454 02 00	230,908	-
Through US Health Resources and Services HRSA	93.732	1 M01HP42454-01-00	35,785	-
Through US Health Resources and Services HRSA	93.732	2 M01HP31363 05 00	553	-
Through US Health Resources and Services HRSA	93.732	5 M01HP31363 06 00	583,720	-
Through US Health Resources and Services HRSA	93.732	5M01HP31363-04-00	(11,069)	-
Opioid STR	93.788	PON2 746 2000004004	-	-
Through KY Cabinet for Health & Family Services	93.837		6,571,569	484,014
Heart and Vascular Diseases Research	93.837	FXATRAC2U54HL120183UL-08	22	-
Through American Heart Association	93.837	FX-ATRAC-5U54HL120123-UL-	121,657	-
Through American Heart Association	93.837	FX-ATRAC-5U54HL120163-UL-	285,026	-
Through American Heart Association	93.837	FXATRAC5U54HL120163UL-07	(8,576)	-
Through American Heart Association	93.837	FXATRAC5U54HL120163UL-08	0	-
Through American Heart Association	93.837	1R43HL149451-01A1	73,035	-
Through BioNet Sonar, Inc.	93.837	1R43HL152767-01	94,833	-
Through BioNet Sonar, Inc.	93.837	GENFD0001848153	(0)	-
Through Boston Children's Hospital	93.837	GENFD0002108956	18,856	-
Through Boston Children's Hospital	93.837	GENFD0002134577	55,457	-
Through Boston Children's Hospital	93.837	4500003020.000	0	-
Through Boston University	93.837	4500003548.000	(0)	-
Through Boston University	93.837	4500003910.000	13,731	-
Through Boston University	93.837	4500004473.000	157,322	-
Through Boston University	93.837	1R43HL142337-01	(34)	-
Through Cor Habere Group	93.837	A713235 formerly A602050	7,800	-
Through Emory University	93.837	8785	290,501	-
Through Indiana University	93.837	1R43HL144214-01	2,371	-
Through Inspired Therapeutics LLC	93.837	1R43HL142385-01	(8)	-
Through Myocardial Assist Systems & Technology	93.837	1R43HL152894-01	(70)	-
Through Myocardial Assist Systems & Technology	93.837	20-A0-00-1005242	87,037	-
Through New York University	93.837	7137543	72,126	-
Through Rhode Island Hospital	93.837	000527563-SC001	17,618	-
Through University of Alabama	93.837	5UM1HL087318-09	2,980	-
Through University of Texas at Houston	93.837	7U01HL146382-05	640	-
Through University of Texas HSC/San Antonio	93.837	U01HL146382- 06	17,117	-
Through University of Texas HSC/San Antonio	93.837	10041797 - LOUISVILLE	0	-
Through University of Utah	93.837	UWSC12020	5,610	-
Through University of Washington	93.838		967,292	-
Lung Diseases Research	93.838	OT2HL161847-01	1,442	-
Through Arkansas Children Hospital Research Institute	93.838	OT2HL161847-01	284,414	-
Through Arkansas Children Hospital Research Institute	93.838	A035364 (SPS-269060)	15,599	-
Through Duke University	93.838	SUB00002571	173,092	-
Through University of Florida	93.838	PROSPECT 574470	3,333	-
Through University of Pennsylvania	93.839		288,185	-
Blood Diseases and Resources Research	93.839	SUB00000047	24,980	-
Through Rutgers University	93.846		359,336	-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	226989	(908)	-
Through Massachusetts General Hospital	93.847		3,021,934	225,802

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
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Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF HEALTH AND HUMAN SERVICES (CONTINUED)				
Diabetes, Endocrinology, and Metabolism Research	93.847	GROW22-UofL-01	44,922	-
Through Grow Biomedicine LLC	93.847	2005541213.000	186,463	-
Through Johns Hopkins University	93.847	700094-0820-00	22,662	-
Through Nationwide Children's Hospital	93.847	700094-0821-00	0	-
Through Nationwide Children's Hospital	93.847	700198-0523-00	17,683	-
Through Nationwide Children's Hospital	93.847	1R44DK133065-01	194,606	-
Through Noveratech, LLC	93.847	IBD Gene M	1,978	-
Through Rutgers University	93.847	258720-05-LRF	(1,420)	-
Through Temple University	93.847	AWD00006105 (138711-1)	60,703	-
Through University of Pittsburgh	93.847	TN-22 TrialNet	155	-
Through University of South Florida	93.847	TN-20	(0)	-
Through University of South Florida	93.847	TN-07, ORAL INSULIN	66	-
Through University of South Florida	93.847	TN01 TYPE 1 UDK097835A	(882)	-
Through University of South Florida	93.853		4,416,681	239,098
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	PO 2002201516 U01NS080824	683	-
Through Johns Hopkins Medical Center	93.853	INO-PD-P3-2014	4,074	-
Through Massachusetts General Hospital	93.853	010785-136706	1,596	-
Through University of Cincinnati	93.853	011706-005	5,000	-
Through University of Cincinnati	93.853	GB 10965 PO# 2348222	236,094	-
Through University of Virginia	93.853	PENUT TRIAL 752237,762305	(456)	-
Through University of Washington	93.853	UWSC7771	19,742	-
Through University of Washington	93.853	UWSC7771	6,091	-
Through University of Washington	93.855		6,272,300	395,981
Allergy, Immunology and Transplantation Research	93.855	1983507.000	1,166	-
Through Boston Childrens University	93.855	211594.000	(2,087)	-
Through Cornell University	93.855	222658.000	151,966	-
Through Cornell University	93.855	A540565	380,918	-
Through Emory University	93.855	8578.000	22,205	-
Through Indiana University	93.855	1R43AI152717-01	34,430	-
Through Medigen Inc	93.855	3200003721-21-190	76,194	-
Through University of Kentucky Research Foundation	93.855	000522211-012	5,455	-
Through University of Alabama at Birmingham-BOT	93.855	1R01AI165327-01	39,147	-
Through University of Calgary	93.855	S02860-01	15,532	-
Through University of Iowa	93.855	MidWest AVIDD Center	110,147	-
Through University of Minnesota	93.855	Noninvasive in vivo imag	178,284	-
Through University of Minnesota	93.855	P010276627	394,867	-
Through University of Minnesota	93.855	21-3265-Lou	54,762	-
Through University of Tennessee	93.855	22-3305-LOU	310,233	-
Through University of Tennessee	93.855	GR105861 (CON-80001724)	10,575	-
Through Yale University	93.859		13,364,747	1,579,522
Pharmacology, Physiology, and Biological Chemistry Research	93.859	3200003706-21-171	2,551	-
Through University of Kentucky Research Foundation	93.859	10030565-LOU	-	-
Through University of Utah	93.859	WSU21107	6,244	-
Through Wayne State University	93.859	3UT2GM130174-02S1	0	-
Through XLerateHealth, LLC	93.865		775,983	-
Center for Research for Mothers and Children	93.865	GENFD0001772362	2,835	-
Through Boston Children's Hospital	93.865	2005444412.000	20,744	-
Through Johns Hopkins University	93.865	A21-0004-S004 - Louisvill	96,913	-
Through Lurie Childrens Hospital of Chicago	93.865	A00-2240-S002	(75)	-
Through Medical University of South Carolina	93.865	20-A1-00-1002855	1,260	-
Through New York University Medical School	93.865	A19-0460-S001	92,570	-
Through The Regents of the Univ of California	93.865	51460 228446 VDORA1	34,949	-
Through University of Arkansas	93.865	FY22.1062.001	5,000	-
Through University of Colorado Denver	93.866		1,359,003	698,910

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
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Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF HEALTH AND HUMAN SERVICES (CONTINUED)				
Aging Research	93.866	200002055.000	(390)	-
Through Cleveland State University	93.866	124462660.000	558,726	-
Through University of Southern California	93.866	1R43AG078020-01A1	52,512	-
Through Wicked Sheets	93.867		3,799,163	194,160
Vision Research - Retinal and Choroidal Diseases Research	93.867	GR124728/ SPC-1000005423	29,916	-
Through Ohio State University	93.867	SUB00003423	42,862	-
Through University of Florida	93.867	432007-19111	-	-
Through Virginia Tech Carilion			-	-
HIV Care Formula Grants	93.917	PON2 728 2200002616	350,281	-
Through KY Cabinet for Health and Family Services	93.917	PON2 728 1800002133 v1	-	-
Through KY Dept for Public Health			-	-
Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease	93.918	2H76HA00536-19-00	404,163	-
Through Health Res. & Services Admin.	93.918	2 H76HA00536-23-00	1,958,960	-
Through Health Res. & Services Admin.	93.924	5 H65HA00013 21 00	313,080	-
Ryan White HIV/AIDS Dental Reimbursements/Community Based Dental Partnership			-	-
Block Grants for Community Mental Health Services	93.958	PON2 729 2300000716	87,367	-
Through KY Cabinet for Health and Family Services			-	-
PPHF Geriatric Education Centers	93.969	3 U1QHP28732 06 01	44,019	-
Through US Health Resources and Services HRSA	93.969	5 U1QHP28732 07 00	163,798	-
Through US Health Resources and Services HRSA	93.969	5 U1QHP28732 -08	10	-
Through US Health Resources and Services HRSA	93.969	5U1QHP28732-06-00	13,846	-
Through US Health Resources and Services HRSA	93.969	5U1QHP28732-07-00	654,606	132,017
Through US Health Resources and Services HRSA	93.969	6 U1QHP28732 07 01	42,731	-
			<hr/>	<hr/>
SUBTOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES			88,857,137	7,531,117
UNITED STATES DEPARTMENT OF HOMELAND SECURITY				
Cybersecurity Education and Training	97.000	70RSAT20CB0000021	277,193	-
Through US Department of Homeland Security			<hr/>	<hr/>
SUBTOTAL UNITED STATES DEPARTMENT OF HOMELAND SECURITY			277,194	-
UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT				
United States Agency for International Development Contract	98.001	2000012623	98,653	-
Through National Academy of Sciences			<hr/>	<hr/>
SUBTOTAL UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT			98,654	-
TOTAL RESEARCH AND DEVELOPMENT CLUSTER			<hr/> 115,961,610	<hr/> 9,891,201

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YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
SPECIAL EDUCATION (IDeA) CLUSTER				
DEPARTMENT OF EDUCATION				
Special Education_Grants to States	84.027	PON2 540 1900003782	0	-
Through KY Department of Education	84.027	PON2 540 2100000511	(241)	-
Through KY Department of Education	84.027	PON2 540 2100002256	106,030	41,723
Through KY Department of Education	84.027	PON2 540 2100002575	124,503	98,286
Through KY Department of Education	84.027	PON2 540 2200003688	612,442	348,552
Through KY Department of Education	84.027	PON2 540 2200003814 1	377,921	87,138
Through KY Department of Education	84.027	PON2 540 2200003825	400,443	179,961
Through Green River Educational Cooperative	84.027	GRREC Motivational Interv	-	-
SUBTOTAL DEPARTMENT OF EDUCATION			1,621,099	755,660
TOTAL SPECIAL EDUCATION (IDeA) CLUSTER			1,621,098	755,660
TRIO CLUSTER				
DEPARTMENT OF EDUCATION				
TRIO Student Support Services	84.042	P042A150274-19	-	-
Through U.S. Dept. of Education	84.042	P042A200371-21	41,971	-
Through U.S. Dept. of Education	84.042	P042A200371-22	207,845	-
Through U.S. Dept. of Education	84.042	P042A200371-22	-	-
TRIO Talent Search	84.044	P044A210677	42,567	-
Through U.S. Dept. of Education	84.044	P044A210677-22	234,641	-
Through U.S. Dept. of Education	84.044	P044A210677-22	-	-
TRIO Upward Bound	84.047	P047A221118	492,492	-
Through U.S. Dept. of Education	84.047	P047A221123	242,166	-
Through U.S. Dept. of Education	84.047	P047A170177 - 21	160,420	-
Through U.S. Dept. of Education	84.047	P047A170177 - 21	1,422,104	-
SUBTOTAL DEPARTMENT OF EDUCATION			1,422,104	-
TOTAL TRIO CLUSTER			1,422,104	-
MEDICAID CLUSTER				
DEPARTMENT OF HEALTH AND HUMAN SERVICES				
Medical Assistance Program	93.778	PON2 746 2000004003	0	-
Through KY Cabinet for Health & Family Services	93.778	PON2 746 2000004005	0	-
Through KY Cabinet for Health & Family Services	93.778	PON2 746 2000004008	5	-
Through KY Cabinet for Health & Family Services	93.778	PON2 746 2000004011	-	-
Through KY Cabinet for Health & Family Services	93.778	PON2 746 2000004246	-	-
Through KY Cabinet for Health & Family Services	93.778	PON27462000004035	1	-
Through KY Cabinet for Health & Family Services	93.778	SC7461900000170v1	(0)	-
Through KY Cabinet for Health & Family Services	93.778	SC7461900000171v1	-	-
Through KY Cabinet for Health & Family Services	93.778	ULRF21001701	58,333	20,807
Through KY Cabinet for Health & Family Services	93.778	PON2 746 1800001678 1	1	-
Through KY Cabinet for Health & Family Services	93.778	PON 746 2200004066	230,257	-
Through KY Cabinet for Health & Family Services	93.778	PON2 746 2000003079	52	-
Through KY Cabinet for Health & Family Services	93.778	PON2_746_2200001873	219,592	-
Through KY Dept. for Medicaid Services	93.778	PON2_746_2200001873	-	-
SUBTOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES			508,241	20,807
TOTAL MEDICAID CLUSTER			508,241	20,807
TOTAL SPECIAL CLUSTERS			3,551,443	776,467

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
OTHER PROGRAMS				
DEPARTMENT OF AGRICULTURE	10.525	PON2 035 2300001402	49,746	-
Farm and Ranch Stress Assistance Network Competitive Grants Program				
SUBTOTAL DEPARTMENT OF AGRICULTURE			49,747	-
DEPARTMENT OF COMMERCE	11.303	ED22ATL3030043	23,481	-
Economic Development Technical Assistance Through U.S. Economic Development Administration				
DEPARTMENT OF DEFENSE	12.000	PON20762000002961	13,430	-
Department of Defense Contracts Through KY Commission on Military Affairs	12.000	PON2 076 2000001258	19,861	-
Through KY Commission on Military Affairs				
SUBTOTAL DEPARTMENT OF DEFENSE			33,292	-
DEPARTMENT OF INTERIOR	15.904	92-KY03-NPS2021	-	-
Historic Preservation Fund Grants-In-Aid Through National Writing Project Corporation				
SUBTOTAL DEPARTMENT OF INTERIOR			-	-
DEPARTMENT OF JUSTICE	16.582	2020-V3-0081	20,071	-
Crime Victim Assistance/Discretionary Grants Through Volunteers of America				
Comprehensive Opioid, Stimulant, and other Substances Use Program Through Commonwealth of Kentucky	16.838	PON2 736 2300001389	87,502	-
SUBTOTAL DEPARTMENT OF JUSTICE			107,575	-
DEPARTMENT OF LABOR	17.207	Veterans Accelerated		
Employment Service/Wagner-Peyser Funded Activities Through Kentucky Science and Technology Corp.				
Disability Employment Policy Development Through University of Kentucky Research Foundation	17.720	3200004158-22-009	57,666	47,661
SUBTOTAL DEPARTMENT OF LABOR			57,667	47,661
DEPARTMENT OF TRANSPORTATION	20.616	PON2 605 2100000627	(29,382)	-
National Priority Safety Programs Through Kentucky Transportation Department				
SUBTOTAL DEPARTMENT OF TRANSPORTATION			(29,381)	-
DEPARTMENT OF VETERANS AFFAIRS	64.000	Implementing the Behavior	23,446	-
Department of Veterans Affairs Contracts				
Sharing Specialized Medical Resources Through V.A. Medical Center	64.018	IPA-Mahanes - Dietary Fat		
Through V.A. Medical Center	64.018	IPA- Warner - Diatar		
SUBTOTAL DEPARTMENT OF VETERANS AFFAIRS			23,447	-

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
ENVIRONMENTAL PROTECTION AGENCY	66.605	PPG BG - 00D21421	-	-
Performance Partnership Grants	66.708	PON2 129 2100002433	56,172	-
Pollution Prevention Grants Program			56,172	-
SUBTOTAL ENVIRONMENTAL PROTECTION AGENCY			56,172	-
DEPARTMENT OF EDUCATION				
Special Education_Grants for Infants and Families with Disabilities Through State of Kentucky	84.181	PON2 728 2200002772	728,546	-
SUBTOTAL DEPARTMENT OF EDUCATION			728,547	-
DEPARTMENT OF HEALTH AND HUMAN SERVICES				
Department of Health and Human Services Contracts Through National Institutes of Health	93.000	75N95023P00247	7,686	-
Through American Society of Addiction Medicine	93.000	Nurse Practitioner Substa	2,000	-
Special Programs for the Aging, Title III, Part D, Disease Prevention and Health Promotion Services Through Kentuckiana Reg Planning & Development	93.043	Title III D - FY22	-	-
National Family Caregiver Support, Title III, Part E Through Kentuckiana Reg Planning & Development	93.052	PON2 725 2000002717	61,291	-
Through Kentuckiana Reg Planning & Development	93.052	Title III-E - FY22	(2,841)	-
Public Health Emergency Preparedness Through KY Cabinet for Health and Family Svcs	93.069	PON 728 201873	(0)	-
Maternal and Child Health Federal Consolidated Programs Through KY Cabinet for Health and Family Svcs	93.110	PON2 728 2200004330	23,206	-
Through Univ Hospitals Cleveland Medical Center	93.110	#2021-0880	61,187	-
Through Univ Hospitals Cleveland Medical Center	93.110	WS #2021-0880	145,043	88,031
Through University of Kentucky Research Foundation	93.110	3200004102-22-109	22,451	-
Through University of Kentucky Research Foundation	93.110	PO 7800006650 - 320000486	23,322	-
Coordinated Services and Access to Research for Women, Infants, Children & Youth Through US Health Resources and Services HRSA	93.153	1H1XHA370530100	(0)	-
Through US Health Resources and Services HRSA	93.153	H12HA24829-08-01	67	-
Through US Health Resources and Services HRSA	93.153	H12HA24829-10-01	469,334	-
Substance Abuse and Mental Health Services Projects of Regional and National Significance Through International Rescue Committee	93.243	1H79SM085130-02	17,167	8,750
Through Substance Abuse and Mental Health Svcs Admin (SAMHSA)	93.243	1H79SM084989-02	231,353	86,941
Through Substance Abuse and Mental Health Svcs Admin (SAMHSA)	93.243	531H79SM084989-01	108,143	57,345
Through Substance Abuse and Mental Health Svcs Admin (SAMHSA)	93.243	1H79SM084409-01	26,055	-
Centers for Disease Control and Prevention Investigations and Technical Assistance Through University of Kentucky Research Foundation	93.283	3210000398-17-062	15	-
Teenage Pregnancy Prevention Program Through YMCA of Greater Louisville	93.297	Optimally Changing the Ma	37,117	-
National State Based Tobacco Control Programs Through KY Cabinet for Health and Family Services	93.305	PON2 728 1800001922 1	0	-
National and State Tobacco Control Program Through KY Cabinet for Health and Family Services	93.387	PON2 728 2200002797	24,971	-
Cancer Treatment Research through National Institutes of Health Through NRG Oncology Foundation Inc	93.395	HN009	933	-
Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke Through KY Cabinet for Health and Family Services	93.426	PON2 728 2200002625	231,296	30,672

See accompanying Notes to Schedule of Expenditures of Federal Awards

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF HEALTH AND HUMAN SERVICES (CONTINUED)				
CDC's National Network Approach to Preventing and Controlling Tobacco-related Cancers in Special Populations	93.431	3200003768-21-226	(352)	-
Through University of Kentucky Research Foundation	93.431	3200004476-22-180	2,721	-
Through University of Kentucky Research Foundation	93.431	3200005240-23-177	34,258	-
Through University of Kentucky Research Foundation	93.431	West Louisville Outdoor R	35,595	-
Through Wilderness Louisville Inc				
Refugee and Entrant Assistance State/Replacement Designee Administered Programs Through Catholic Charities, Inc.	93.566	252-00935-2022	37,713	-
Refugee and Entrant Assistance Discretionary Grants	93.576	90ZZ0005-01-00	29,023	5,338
Through US Admin for Children and Families				
Assistance for Torture Victims	93.604	90ZT0220-01-00	167,620	138,193
Through US Dept of Health and Human Services				-
Foster Care Title IV-E	93.658	454156-23-112 / 1801KYFOS	2,886	-
Through Eastern Kentucky University	93.658	PON27362100002157	(0)	-
Through Eastern Kentucky University				-
Child Abuse and Neglect State Grants	93.669	PON2 736 2200004577	81,372	-
Through KY Cabinet for Health and Family Services				-
Ending the HIV Epidemic: A Plan for America —	93.686	PON2 728 2200002617	44	-
Ryan White HIV/AIDS Program Parts A and B				-
Through KY Cabinet for Health and Family Services				-
Organized Approaches to Increase Colorectal Cancer Screening	93.800	PON27282200002727	25,991	-
Through KY Cabinet for Health & Family Services				-
Paul Coverdell National Acute Stroke Program National Center for Chronic Disease Prevention and Health Promotion	93.810	3200004251-22-169	(1)	-
Through University of Kentucky Research Foundation				-
Cardiovascular Diseases Research	93.837	2R44HL144214 02	14,690	-
Through Inspired Therapeutics LLC				-
Pharmacology, Physiology, and Biological Chemistry Research	93.859	1UT2GM130174-01	-	-
Through XRateHealth, LLC				-
Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations	93.898	PON 2 7282200003809	121,086	-
Through KY Cabinet for Health & Family Services	93.898	PON2-7282200-003000	120,557	-
Through KY Cabinet for Health & Family Services	93.898	3200004875-23-036	10,342	-
Through University of Kentucky Research Foundation	93.898	3210002526-23-218	1,050	-
Through University of Kentucky Research Foundation				-
HIV Care Formula Grants	93.917	PO2 728 1600005009 1	177	-
Through KY Cabinet for Health & Family Services	93.917	PON 2 728 2000002908	(38,743)	-
Through KY Cabinet for Health & Family Services	93.917	PON2 728 2000001645	27	-
Through KY Cabinet for Health & Family Services	93.917	PON2 728 2200002616	50,437	-
Through KY Cabinet for Health & Family Services	93.917	PON2 728 2200002617	876,675	-
Through KY Cabinet for Health & Family Services				-
Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease	93.918	1H7CHA372840100	588	-
Through Health Res. & Services Admin.	93.918	2 H76HA00536-23-00	214,109	-
Through Health Res. & Services Admin.	93.918	2 H76HA00536-24-00	112,673	-
Through Health Res. & Services Admin.	93.918	2H76HA00536-21-00	(0)	-
Through Health Res. & Services Admin.	93.918	6 H76HA00536-23-02	551,384	-
Through Health Res. & Services Admin.	93.918	H76HA00536	(404,690)	-
Through Health Res. & Services Admin.				-
Ryan White HIV/AIDS Dental Reimbursement and Community Based Dental Partnership Grants	93.924	H65HA000131800	17,945	-
Through Health Res. & Services Admin.	93.924	2 H65HA00013-22-00	108	-
Through Health Res. & Services Admin.				-
HIV Prevention Activities Health Department Based	93.940	PON2 728 2100002812	175	-
Through KY Cabinet for Health & Family Services	93.940	PON2 728 2200003218	96,590	-
Through KY Cabinet for Health & Family Services				-

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Federal Grant or Program Title	Federal Assistance Listing Number	Pass Through Entity #	Fiscal Expenditures	Amount Provided to Subrecipients
DEPARTMENT OF HEALTH AND HUMAN SERVICES (CONTINUED)				
Assistance Programs for Chronic Disease Prevention and Control Through KY Cabinet for Health & Family Services	93.945	PON2 728 2000002770	22,914	21,216
Maternal and Child Health Services Block Grant Through KY Cabinet for Health & Family Services	93.994	PO2 728 100004087	-	-
SUBTOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES			3,674,762	436,486
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE				
AmeriCorps State and National Through Arizona State University	94.006	2022 AmeriCorps State and	36,834	-
SUBTOTAL CORPORATION FOR NATIONAL AND COMMUNITY SERVICE			36,834	-
TOTAL OTHER PROGRAMS			4,762,136	484,147
TOTAL EXPENDITURES OF FEDERAL AWARDS			\$ 312,968,845	\$ 11,313,364

UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
NOTES TO SCHEDULE OF EXPENDITUES OF FEDERAL AWARDS
JUNE 30, 2023

NOTE 1 BASIS OF PRESENTATION

The accompanying schedule of expenditures of federal awards (Schedule) of the University of Louisville (University) has been prepared in the format as set forth in Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). Therefore, some amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements. The purpose of the Schedule is to present a consolidated summary of those expenditures of the University for the year ended June 30, 2023, which has been financed by the U.S. Government (Federal awards). For purposes of the Schedule, Federal awards include all Federal assistance and procurement relationships entered into directly and indirectly between the University and the Federal government and sub-awards from nonfederal organizations made under federally sponsored agreements.

The accounting principles followed by the University and used in preparing the Schedule are as follows:

The schedule of expenditures of federal awards includes amounts expended by the University and its affiliated corporation, the University of Louisville Research Foundation, Inc. Expenditures reported on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following the cost principles contained in the Uniform Guidance for all awards with the exception of Assistance Listing 21.019, which follows criteria determined by the Department of Treasury for allowability of costs. Under these principles, certain types of expenditures are not allowable or are limited as to reimbursement.

Deductions (expenditures) for direct costs are recognized as incurred using the cash method of accounting and the cost accounting principles contained in Uniform Guidance. Under those cost principles, certain types of expenditures are not allowable or are limited as to reimbursement. Moreover, expenditures include a portion of costs associated with general University activities (facilities and administrative costs) which are allocated to awards under negotiated formulas commonly referred to as indirect cost rates. The University has elected not to use the 10-percent de minimis indirect cost rate allowed under the Uniform Guidance.

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.

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
JUNE 30, 2023**

NOTE 2 NONCASH FINANCIAL ASSISTANCE

Outstanding loan balances at June 30, 2023 were as follows:

	<u>Federal Assistance Listing Number</u>	<u>Total</u>
Federal Perkins Loan Program	84.038	\$ 2,232,739
Health Professions Student - Medical	93.342	-
Health Professions Primary Care - Medical	93.342	2,871,662
Health Professions Student Loans - Dental	93.342	4,015,935
Nursing Student Loans	93.364	18,518
Loans to Disadvantaged Students - Medical	93.342	1,702,234
Loans to Disadvantaged Students - Dental	93.342	<u>25,364</u>
 Total Student Loans Outstanding		 <u><u>\$ 10,866,452</u></u>

Loans received by students for the period ended June 30, 2023 were as follows:

	<u>Federal Assistance Listing Number</u>	<u>Total</u>
William D. Ford Federal Direct Loan Program	84.268	\$ 145,707,487
Health Professions Primary Care - Medical	93.342	131,223
Health Professions Student Loans - Dental	93.342	425,000
Loans to Disadvantaged Students - Medical	93.342	<u>166,333</u>
 Total Noncash Financial Assistance		 <u><u>\$ 146,430,043</u></u>



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

Board of Trustees
University of Louisville
Louisville, Kentucky

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 business-type activities and the aggregate discretely presented component units, of University of Louisville, as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the University of Louisville's basic financial statements, and have issued our report thereon dated October 23, 2023. The financial statements of University of Louisville Health, Inc. (UofL Health), University of Louisville Real Estate Foundation, Inc. (ULREF), and the University of Louisville Foundation, Inc. and Affiliates (the Foundation) were not audited in accordance with *Government Auditing Standards*, and accordingly, this report does not include reporting on internal control over financial reporting or instances of reportable noncompliance associated with UofL Health, ULREF, and the Foundation.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered University of Louisville'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 opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of University of Louisville's internal control. Accordingly, we do not express an opinion on the effectiveness of University of Louisville's internal control.

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

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. We identified certain deficiencies in internal control, described in the accompanying schedule of findings and questioned costs as item 2023-001 that we consider to be significant deficiency.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether University of Louisville'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*.

University of Louisville's Response to Findings

Government Auditing Standards requires the auditor to perform limited procedures on the University of Louisville's response to the findings identified in our audit and described in the accompanying schedule of findings and questioned costs. University of Louisville's response was not subjected to the other auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on the response.

Purpose of This Report

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



CliftonLarsonAllen LLP

St. Louis, Missouri
October 23, 2023



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

Board of Trustees
University of Louisville
Louisville, Kentucky

Report on Compliance for the Major Federal Program

Opinion on the Major Federal Program

We have audited University of Louisville's compliance with the types of compliance requirements identified as subject to audit in the OMB *Compliance Supplement* that could have a direct and material effect on University of Louisville's major federal program for the year ended June 30, 2023. University of Louisville's major federal program is identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs.

In our opinion, University of Louisville 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 the Major Federal Program

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

We are required to be independent of University of Louisville 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 University of Louisville'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 University of Louisville's federal programs.

Auditors' Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on University of Louisville'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 University of Louisville'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 University of Louisville'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 University of Louisville'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 University of Louisville'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.

Other Matters

The results of our auditing procedures disclosed instances of noncompliance, which are required to be reported in accordance with the Uniform Guidance and which are described in the accompanying schedule of findings and questioned costs as item 2023-002. Our opinion on the major federal program is not modified with respect to these matters.

Government Auditing Standards requires the auditor to perform limited procedures on University of Louisville's response to the noncompliance findings identified in our compliance audit described in the accompanying schedule of findings and questioned costs. University of Louisville's response was not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

Report on Internal Control Over Compliance

Our consideration of internal control over compliance was for the limited purpose described in the Auditors' Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance and therefore, material weaknesses or significant deficiencies may exist that were not identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, as discussed below, we did identify certain deficiencies in internal control over compliance that we consider to be significant deficiencies.

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. We consider the deficiencies in internal control over compliance described in the accompanying schedule of findings and questioned costs as item 2023-002, to be a significant deficiency.

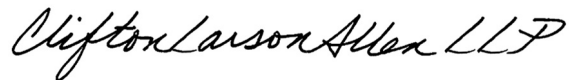
Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

Government Auditing Standards requires the auditor to perform limited procedures on University of Louisville's response to the internal control over compliance findings identified in our audit described in the accompanying schedule of findings and questioned costs. University of Louisville's response was not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

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

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

We have audited the financial statements of University of Louisville as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise University of Louisville's basic financial statements. We have issued our report thereon dated October 23, 2023, which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic 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 basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.



CliftonLarsonAllen LLP

St. Louis, Missouri
October 23, 2023

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
YEAR ENDED JUNE 30, 2023**

Section I – Summary of Auditors’ Results

Financial Statements

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

Federal Awards

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

Identification of Major Federal Programs

ALN Number(s)	Name of Federal Program or Cluster
Various	Student Financial Aid 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

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Section II – Financial Statement Findings

2023 – 001: Procurement Card Transactions

Type of Finding: Significant Deficiency in Internal Control over Financial Reporting

Condition: During testing of monthly procurement card transactions for 22 employees, the auditors noted three instances where the employee's monthly procurement card transactions were not reviewed and approved by their supervisor in a timely manner in accordance with the University's policy.

Criteria: The University operates a procurement card program which allows individuals throughout the University to make purchases on a credit card with a defined limit, which is directly paid by the University on a monthly basis. The University's policy requires the cardholder's approver to review all monthly procurement card documentation consisting of the Monthly Activity Report (MAR), itemized receipts and any backup documentation provided. Per University policy, the approver review must be completed by the 25th of the month following the end of the billing cycle.

Effect: The lack of controls in place to ensure policies and procedures are followed increases the risk of misstatements, fraud, or errors occurring and not being detected and corrected.

Cause: The University does not have a process in place to ensure monthly procurement card transactions are reviewed and approved by the approving supervisor in a timely manner in accordance with University policy.

Repeat Finding: No

Recommendation: The University policy states that the approver must review and approve all monthly procurement documentation by the 25th of the month following the end of the billing cycle. The University's system of internal controls should include procedures to ensure procurement card transactions are reviewed and approved in accordance with University policies and procedures.

Views of responsible officials and planned corrective action: University management agrees that the approval of purchasing card transactions is important and increased education and monitoring is being designed to increase compliance.

**UNIVERSITY OF LOUISVILLE AND AFFILIATED CORPORATIONS
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Section III – Findings and Questioned Costs – Major Federal Programs

2023 – 002

Federal Agency: U.S. Department of Education

Federal Program Title: Student Financial Assistance Cluster

Assistance Listing Number: 84.007, 84.063, 84.268, 84.379, 84.033

Federal Award Identification Number: P007A221612 - 2023, P063P221506 - 2023, P268K231506 - 2023, P379T231506 - 2023, P033A221612 - 2023

Award Period: July 1, 2022 to June 30, 2023

Type of Finding:

- Compliance, Other Matter
- Significant Deficiency in Internal Control over Compliance

Criteria or specific requirement: The Code of Federal Regulations, 34 CFR 682.610, states that institutions must report accurately the enrollment status of all students regardless of if they receive aid from the institution or not. Changes to said status are required to be reported within 30 days of becoming aware of the status change, or with the next scheduled transmission of statuses if the scheduled transmission is within 60 days. Uniform Grant Guidance (2 CFR 200.303) requires nonfederal entities receiving Federal awards establish and maintain internal controls designed to reasonably ensure compliance with Federal laws, regulations, and program compliance requirements. Effective internal controls should include procedures to ensure enrollment reporting is completed properly.

Condition: The University did not update student status change and enrollment effective date timely.

Context: The enrollment effective date reported to the National Student Loan Database System (NSLDS) for one of the forty sampled students from the University was incorrect.

Questioned costs: None

Cause: The University did not timely or properly report student status change to NSLDS through their third-party servicer, National Student Clearinghouse (NSC).

Effect: Failure to properly report enrollment status changes on NSLDS could affect the timing of the grace period for repayment of Title IV loans.

Repeat finding: No

Recommendation: CLA recommends that the University work with their third-party servicer and implement procedures to ensure that enrollment data, changes in status and effective dates within NSLDS are reported timely.

Views of responsible officials: Management agrees with the finding and has developed a plan to correct the finding.



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

RECOMMENDATION TO THE BOARD OF TRUSTEES
CONCERNING ADOPTION OF REVISED AUDIT SERVICES CHARTER

Audit, Compliance, and Risk Committee – October 25, 2023
Board of Trustees – October 25, 2023

RECOMMENDATION:

The President recommends that the Board of Trustees approve the adoption of a revised Audit Services Charter, as [attached](#).

BACKGROUND INFORMATION:

A red-lined version for comparison is also [attached](#).

COMMITTEE ACTION:

Passed X
Did Not Pass _____
Other _____

 DS
Signature on file _____
Assistant Secretary

BOARD ACTION:

Passed X
Did Not Pass _____
Other _____

 DS
Signature on file _____
Assistant Secretary

UNIVERSITY OF LOUISVILLE AUDIT SERVICES MISSION STATEMENT AND CHARTER

This mission statement and charter identifies the purpose, authority, and responsibility of the University of Louisville's Audit Services Department.

Mission

The mission of Audit Services is to provide independent and objective assurance and advisory services designed to add value and improve the university's operations. The internal audit function helps the university accomplish its objectives by bringing a systematic, disciplined approach to evaluating the effectiveness of risk management, control, and governance processes. In doing so, Audit Services will be considered among the leaders in the internal audit profession by providing an environment rewarding diversity, empowerment, innovation, teamwork, and open communication.

All Audit Services' endeavors are to be conducted in compliance with university objectives and policies, and the Global Internal Audit Standards, as defined by the Institute of Internal Auditors (IIA). The IIA International Professional Practices Framework (IPPF) and Audit Services internal policy and procedures will be adhered to as applicable to guide operations.

Authority

Audit Services, under the direction of the Vice President for Enterprise Risk Management, Audit, and Compliance and Chief Audit Executive reports functionally to the Audit, Compliance and Risk Committee of the Board of Trustees and administratively to the President. These reporting relationships assure departmental independence, promote comprehensive audit coverage, and assure appropriate consideration of audit recommendations. The Audit, Compliance, and Risk Committee approves all decisions regarding the appointment or removal of the Chief Audit Executive (CAE). The responsibilities of Audit Services are defined by the Audit, Compliance, and Risk Committee of the Board of Trustees as part of their oversight role. The CAE will communicate and interact directly with the Audit, Compliance, and Risk Committee as necessary.

Audit Services is authorized to review all records of the University and related organizations and has full and complete access to all activities, records, property, and personnel reasonably necessary to perform the responsibilities of this function. Audit Services has no direct responsibility or any other authority over the areas it reviews.

Responsibilities

- Perform audits and reviews of operations and programs to ascertain whether resources are employed efficiently and effectively, and results of operations are consistent and aligned with goals and objectives.
- Obtain reasonable assurance that controls are adequate, activities are compliant with laws, regulations, and policies, and risk mitigation efforts are effective.
- Provide management advisory services during the planning, design, development, and post-implementation of significant computer systems.
- Perform reviews of contractual agreements to ensure the propriety of payments and compliance with significant contract provisions. Review the books and records of contractors, where appropriate, to validate charges and identify any potential over payments.
- Provide management advisory services and perform audits and reviews as requested by management and the Board of Trustees.
- Follow-up to reasonably ensure remediation actions for reported issues have been implemented and are effective.
- Participate in special projects and problem-solving task teams formed by the university when applicable.
- Perform annual risk assessments and develop an audit plan that considers the results of the risk assessment. The audit plan will be presented to the Audit, Compliance, and Risk Committee for approval. Significant deviation from the approved audit plan will be reported to the Audit, Compliance, and Risk Committee through periodic activity reports.
- Monitor and evaluate the effectiveness of risk management and governance processes.
- Conduct investigations into allegations of fiscal misconduct received through the university's compliance hotline, or received directly from concerned staff, faculty, administration, or others. Audit Services will consult with University Counsel's office or other compliance partners to ensure the appropriate course of these investigations.
- The CAE will advise the Audit, Compliance, and Risk Committee of significant risks that management is not willing to resolve.
- Audit Services will complete a formal quality assurance program every five years, the results of which will be reported to the Audit, Compliance, and Risk Committee. In addition, periodic internal quality assessments will be completed.

UNIVERSITY OF LOUISVILLE AUDIT SERVICES MISSION STATEMENT AND CHARTER

This charter identifies the purpose, authority, and responsibility of the University of Louisville's Audit Services Department.

Mission

~~The mission of Audit Services is to provide independent and objective assurance and consulting and advisory services designed to add value and improve the organization's university's operations. and to help~~ The internal audit function helps the university organization accomplish its objectives by bringing a systematic, disciplined approach ~~for to~~ evaluating and improving the effectiveness of risk management, control, and governance processes. In doing so, ~~we~~ Audit Services will be considered among the leaders in ~~our~~ the internal audit profession by providing an environment rewarding diversity, empowerment, innovation, teamwork, and open communication.

Commented [CJJ1]: Minor changes to wording to make it easier to read. Replace "organization" with university.

All Audit Services' endeavors are to be conducted in compliance with ~~U~~ university objectives and policies, ~~as well as the Code of Ethics and the International Standards for the Professional Practice of Global Internal Audit Standards ing~~, as defined by the Institute of Internal Auditors (IIA). The IIA ~~Practice Advisories, Practice Guides, and Position~~ International Professional Practices Framework (IPPF) ~~papers and the internal~~ Audit Services internal policy and procedures will be adhered to as applicable to guide operations.

Commented [CJJ2]: The code of ethics is being incorporated into the Standards effective 1/1/2024. Removing separate mention as unnecessary. Removing separate mention of practice advisories, etc and adding IPPF and other wording to accommodate other IIA changes to the standards.

Authority

Audit Services, under the direction of the Vice President for Enterprise Risk Management, Audit, and Compliance and Chief Audit Executive reports functionally to the Audit, Compliance and Risk Committee of the Board of Trustees and administratively to the President. These reporting relationships assure departmental independence, promote comprehensive audit coverage, and assure appropriate consideration of audit recommendations. The Audit, Compliance, and Risk Committee approves all decisions regarding the appointment or removal of the Chief Audit Executive (CAE). The responsibilities of Audit Services are defined by the Audit, Compliance, and Risk Committee of the Board of Trustees as part of their oversight role. The CAE will communicate and interact directly with the Audit, Compliance, and Risk Committee as necessary.

Audit Services is authorized to review all records of the University and related organizations and has full and complete access to all activities, records, property, and personnel reasonably necessary to perform the responsibilities of this function. Audit Services has no direct responsibility or any other authority over the areas it reviews.

1

Review Date: 10/2020
~~Review Date:~~ 10/2021
~~Review Date:~~ 10/2022
~~Review Revised: Date:~~ 10/2023

Responsibilities

- Perform audits and reviews of operations and programs to ascertain whether resources are employed efficiently and effectively, and results of operations are consistent and aligned with goals and objectives.
- Obtain reasonable assurance that controls are adequate, activities are compliant with laws, regulations, and policies, and risk mitigation efforts are effective.
- ~~Assist management in the identification of operational areas where increased efficiency may result in cost savings.~~
- ~~Perform reviews and evaluations of the system of internal controls to ensure controls are adequate. Determine compliance with relevant State and Federal Regulations, policy, and generally accepted accounting principles.~~
- Provide management advisory services during the planning, design, development, and post-implementation of significant computer systems, ~~to reasonably ensure adequate controls are implemented, documentation is complete, systems are thoroughly tested before implementation, and projected benefits are realized.~~
- Perform reviews of contractual agreements to ensure the propriety of payments and compliance with significant contract provisions. Review the books and records of contractors, where appropriate, to validate charges and identify any potential over payments.
- Provide management advisory services and perform audits and reviews as requested by management and the Board of Trustees.
- Follow-up to reasonably ensure remediation actions for reported issues have been implemented and are effective.
- Participate in special projects and problem-solving task teams formed by the University when applicable.
- Perform annual risk assessments and develop an audit plan that considers the results of the risk assessment. The audit plan will be presented to the Audit, Compliance, and Risk Committee for approval. Significant deviation from the approved audit plan will be reported to the Audit, Compliance, and Risk Committee through periodic activity reports.
- Monitor and evaluate the effectiveness of ~~the University's and related entities'~~ risk management and governance processes.

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Commented [CJJ3]: Just moved, no other change.

- Conduct investigations into allegations of fiscal misconduct received through the university's compliance hotline, or received directly from concerned staff, faculty, administration, or others. Audit Services will consult with University Counsel's office or other compliance partners to ensure the appropriate course of these investigations.
- ~~Consulting services may be provided by Audit Services. These engagements may range from formal to advisory activities such as serving on committees or project teams. Audit Services is expected to use professional judgment to determine the extent to which these services are provided.~~
- The CAE will advise the Audit, Compliance, and Risk Committee of significant risks that management is not willing to resolve.
- Audit Services will complete a formal quality assurance program every five years, the results of which will be reported to the Audit, Compliance, and Risk Committee. In addition, periodic internal quality assessments will be completed.
- ~~From time to time Audit Services will be requested to perform special investigations in the areas of fraud or non-compliance with policies and various regulations. Audit Services will consult with University Counsel or the Department of Public Safety to ensure the appropriate course of these investigations.~~
- ~~Follow up to ascertain that appropriate action is taken on reported issues.~~

Commented [CJJ4]: Better aligns with changed role in the investigation area and complies with policy.

Commented [CJJ5]: Consulting is no longer called out separately by the standards and can be incorporated into "advisory" services.

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**BOARD OF TRUSTEES REPORT
10-25-2023**

Current Progress and Predictions of 6-Yr Graduation Rate

Cohort	Grad Year	Y1	Y1-Y2	Y1-Y3	Y1-Y4	Y1-Y5	Y1-Y6	Y6 Prediction A	Y6 Prediction B
2017	2023	100%	80.30%	70.20%	68.10%	64.70%	63.30%	60.58% 60.5%**	60.00%
2018	2024	100%	80.10%	71.40%	67.00%	63.70%	61.26%	58.82%	59.70%
2019	2025	100%	80.90%	70.60%	63.90%	61.46%	59.02%	56.58%	56.80%
2020	2026	100%	76.60%	66.40%	64.21% 59.55%	61.77%	59.33%	56.89%	55.50%
2021	2027	100%	78.20%	68.24% 67.63%	65.80%	63.36%	60.92%	58.48%	57.30%
2022	2028	100%	*80.00% 80.45%	70.04%	67.60%	65.16%	62.72%	60.28%	-
			85%	78%	75%	72%	70%		

- *= Estimate
 - **=Predicted
- Bold = Predicted rates*
Red = Retention Goals

2022
 80.5%
 Unmet Need 78.6% (-1.9%)
 URM 77.0% (-3.5%)

2021
 78.2%
 Unmet Need 72.2% (-6%)
 URM 75% (-3.2%)

5-YEAR UNDERGRADUATE STUDENT SUCCESS PLAN

**Advising
Systems and
Services**

**Course Catalog
and Scheduling**

**First Year
Experience**

Financial Aid

**Key Predictive
Analytics**

**Living-Learning
Communities**

**Degree
Navigator
Software**

**Transfer and
Dual Enrollment
Pathways**

New Retention Initiatives Updated 10-25-2023

- Central and Unit Initiatives
- Reduce registration holds
- Strategic course scheduling and Block schedules for incoming 1st year students
- Refresh 15-to-finish campaign
- Increase number of 2nd half of semester courses
- Early alerts in week 5
- Pilot of Follet Access
- Unit meetings underway- unit retention goals updated. What is working?
- Students 90 credits or more in academic good standing who stepped out

Questions/Feedback



An immersive, real-world demonstration of hearing aids

Matthew Neal, PhD
Co-Founder, Technical Lead
matthew@immersivehearingtech.com
(724) 599 – 4507

Audiology clinics are nothing like the **real-world places** where people need hearing aids the most.

Receive Hearing Aids
(generic settings)

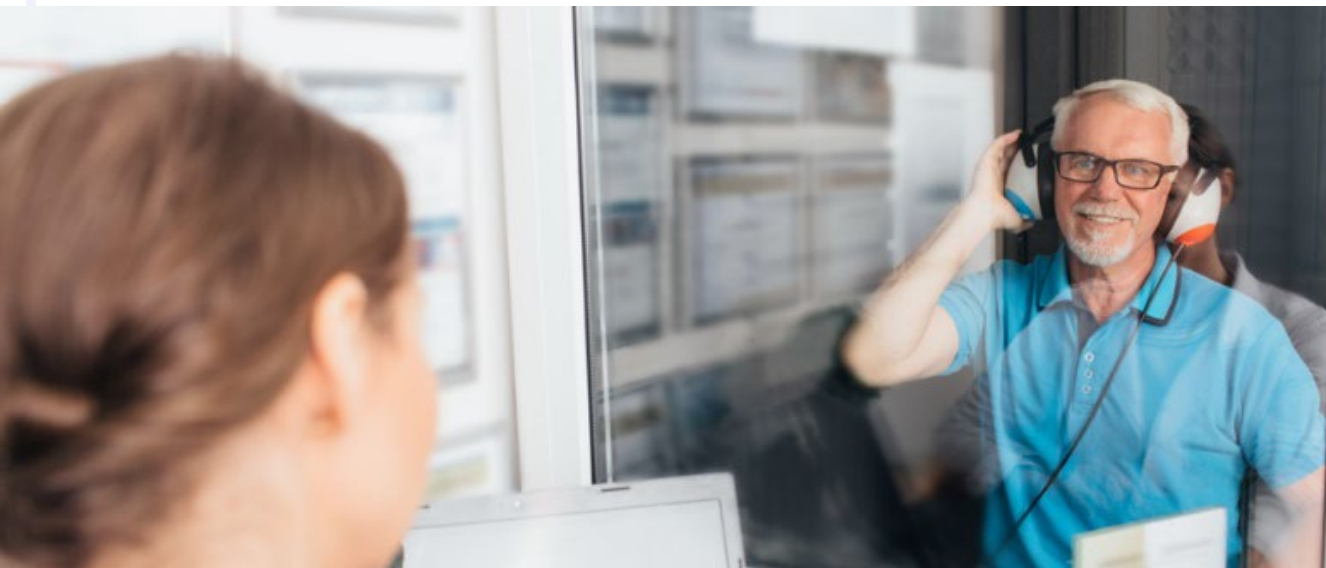


Evaluation

Device Fitting

Follow-up #1

Follow-up #2



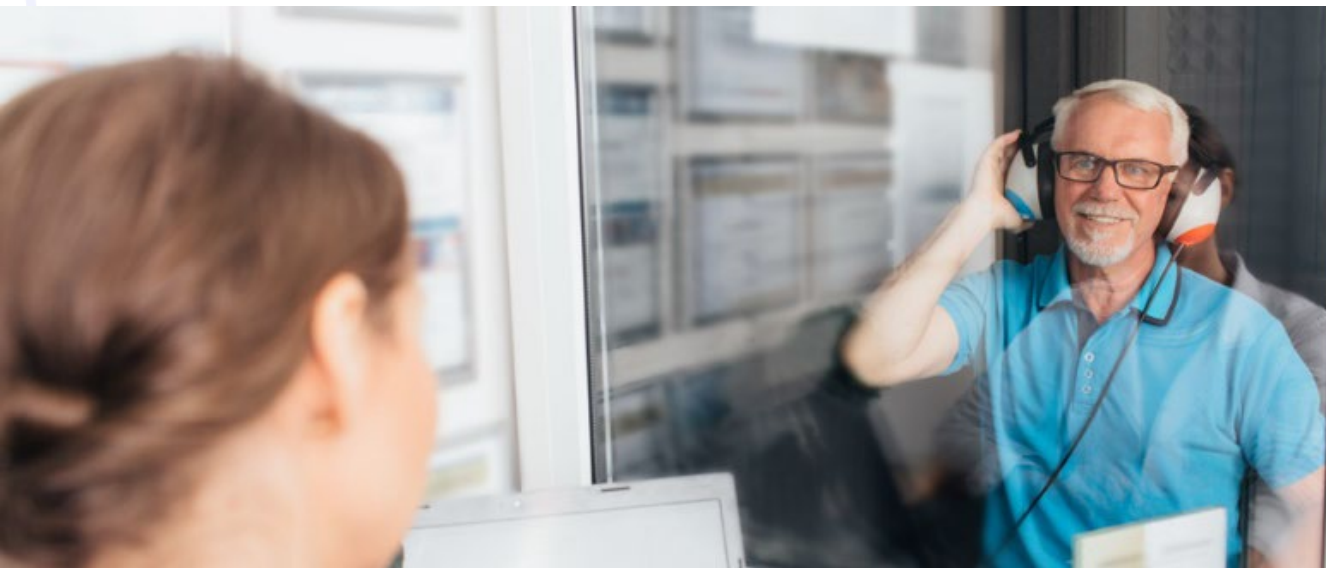
For a **Patient** ...

? → *Perceived Benefits*

\$5,000 / pair → *Costs*

=

Purchase?
Basic or Premium?



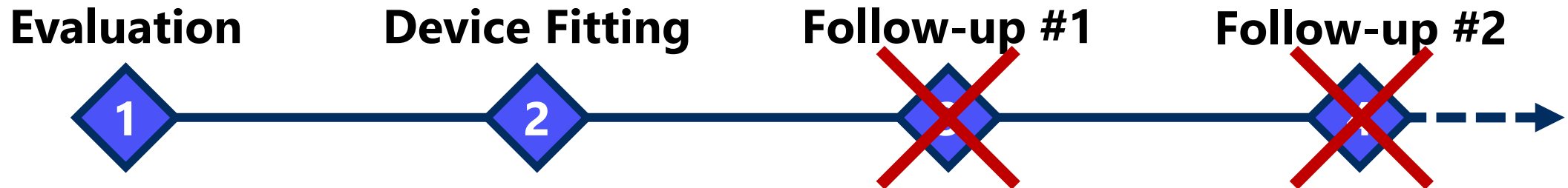
Our Solution: Virtually showcase features of premium hearing aids in real-world settings.



Annual impact for each audiologist:

- Sell more hearing aids
- More premium sales
- Reduce returns
- New revenue

- Less follow up visits



The Team



Matthew Neal, PhD

Co-Founder, CEO
Inventor of Technology
Sonova funded research scientist at UofL
NSF I-Corps Principal Investigator
PhD – Penn State University

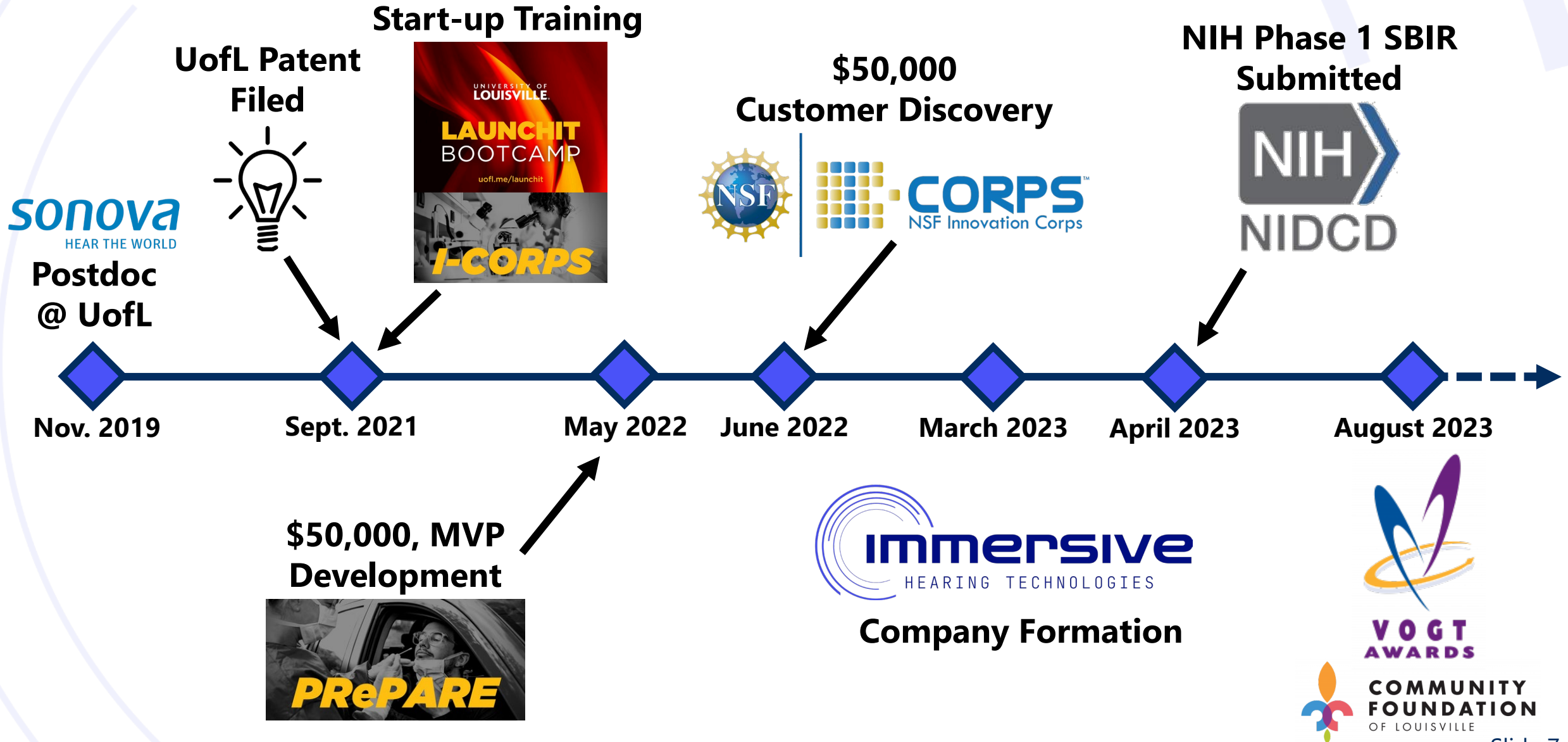


Jeff Cummins, MBA

Co-Founder, CFO, Business Development
CEO vCardio – Medical Device / Software
Entrepreneur-in-Residence – UofL
CFO, Strategic Accounts – Car Keys Express
SVP Finance – Network Media Group



From University Research to Commercialized Technology





An immersive, real-world demonstration of hearing aids

Matthew Neal, PhD

Co-Founder, Technical Lead

matthew@immersivehearingtech.com

(724) 599 – 4507

Jeff Cummins, MBA

Co-Founder, Business Lead

jeff@immersivehearingtech.com

(502) 551 – 7878



The Food Equi-Tech Company

Monsooning America's food deserts & beyond by providing healthy foods via ultramodern vending machines.

Dr. Anora Morton | ceo@thenoriproject.com

*Obtaining
food
takes...*

*Too much time
Too much money
Too much travel*

...especially when living in a food desert.

The Nori Project provides...

*Affordable
Locally Sourced
Healthy Food
Immediately
24 / 7*

...solves the problem of food deserts plus more.

THE SOLUTION EXPLAINED

Making fresh food convenient with ultramodern vending machines.

The Nori Project addresses racial & socioeconomic inequity in food & nutrition by placing singularly powered, weatherproof, ultramodern vending machines on seemingly every city block.

Monsooning Food Deserts:

Our innovative solution reaches far beyond the limitations of traditional food pantries and charities. The Nori Project will create a ripple effect that will Monsoon America's food deserts with fast, convenient, and healthy food options.



A lane of our own.

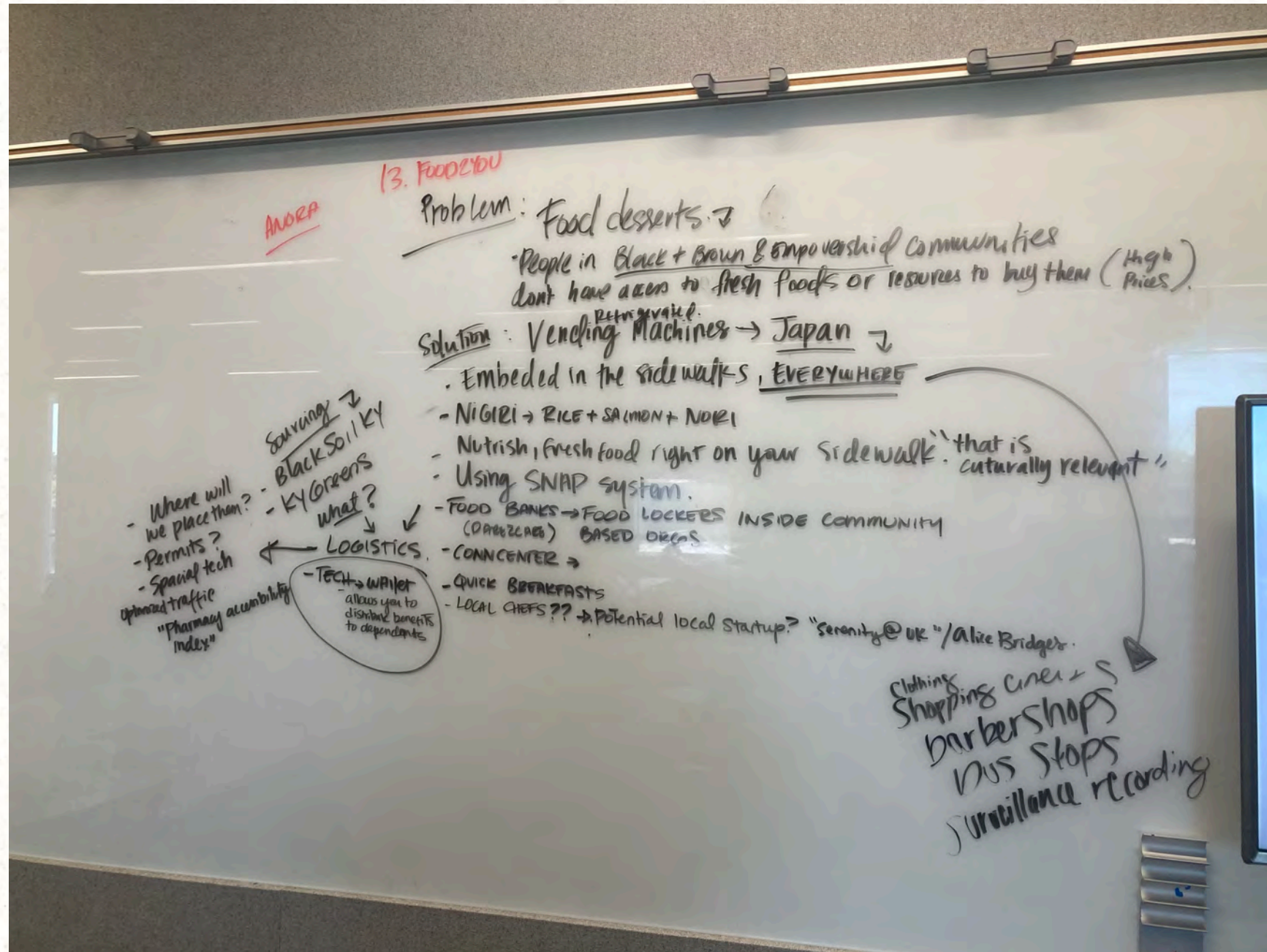


CARDINAL PROUD

2x University of Louisville Alumn



Cardinal Impact Weekend → Wild Accelerator



Reconstruct Challenge for Food Justice Winner!

UofL news ARTS & HUMANITIES BUSINESS CAMPUS & COMMUNITY EDUCATION HEALTH SCIENCE & TECH

BUSINESS & ECONOMY EDUCATION & LEADERSHIP

UofL, partners issue \$1.5 million health equity innovation challenge

Team including UofL, Render, Kentucky Department for Public Health and Access Ventures opens applications for new Reconstruct Challenge; 15 winners each will receive \$100,000 to pilot innovations

By BAYLEE PULLIAM - JULY 21, 2023 1978



Countdown to Monsoon

2023

2024

Raise Initial Capital

Secured 25k Investment
From Keyhorse Capital

Nori Deployment 1

15+ machines deployed
across Louisville

Nori Deployment 2

30+ machines deployed
across Louisville

Launch Party

Event showcasing first Nori
machine at Story

Series A Round

2 Million

LEADERSHIP



Anora Morton
Founder & CEO | Juris Doctor

I went from a poor kid in the projects to a first-gen college graduate. While in law school, I studied in Japan & developed a fascination with their food vending industry.

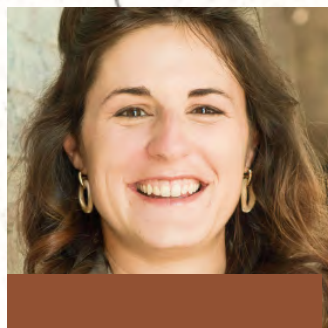
Living in the West End of Louisville, KY food desert during COVID when no grocer would deliver to me was my breaking point -no matter how many goals I accomplished, degrees I obtained, statistics I debunked, I still felt like that poor Black kid in line at the food pantry.

No one should feel insecurity or shame in obtaining nutritious food. With the same determination I applied to shatter all the glass ceilings beneath me, I am now applying to bring a Japanese inspired solution to an American problem.

This fight to end food deserts is personal.

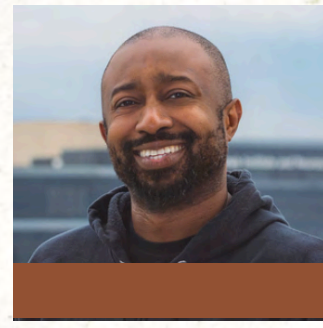
TEAM OF ADVISORS

30+ Years of Food Entrepreneurship Experience & 2 Successful Food Tech Exits



Lydia Henshaw

*2x Serial Founder | Food Tech Entrepreneur
2 Successful Exits Food Startup & Mental Health*



Kela Ivonye

*2x Serial Founder | 12 years entrepreneurship
Successful Exit Food Startup*



Natalia Bishop

*3x Serial Founder | 13 years entrepreneurship
Entrepreneurship Prof UofL*



OFFICE OF
COMMUNITY ENGAGEMENT

DEFINITION, MISSION, & STRATEGY

Carnegie Foundation Definition

Community engagement describes collaboration between institutions of higher education and their larger communities for the mutually beneficial exchange of knowledge and resources in a context of partnership and reciprocity.

from UofL's Mission Statement

“...providing engaged service and outreach that improve the quality of life for local and global communities”

2023-2025 Strategic Goal “CONNECT”

The University of Louisville is a great place with which to CONNECT because of its impact on community and the economic, social, and cultural health and well-being of Louisville, the Commonwealth, and beyond.

We accomplish this through principled leadership, responsible stewardship, an engaged partnerships.

Focus Areas for Community Engagement



Educational Attainment - UofL faculty, staff and students are teaming up with community partners to work with teachers, parents and students in schools locally and across the Commonwealth



Economic Development - Both academic and administrative units continue efforts to increase economic opportunities through activities focusing workforce development, business development, applied research, entrepreneurship, and innovation.

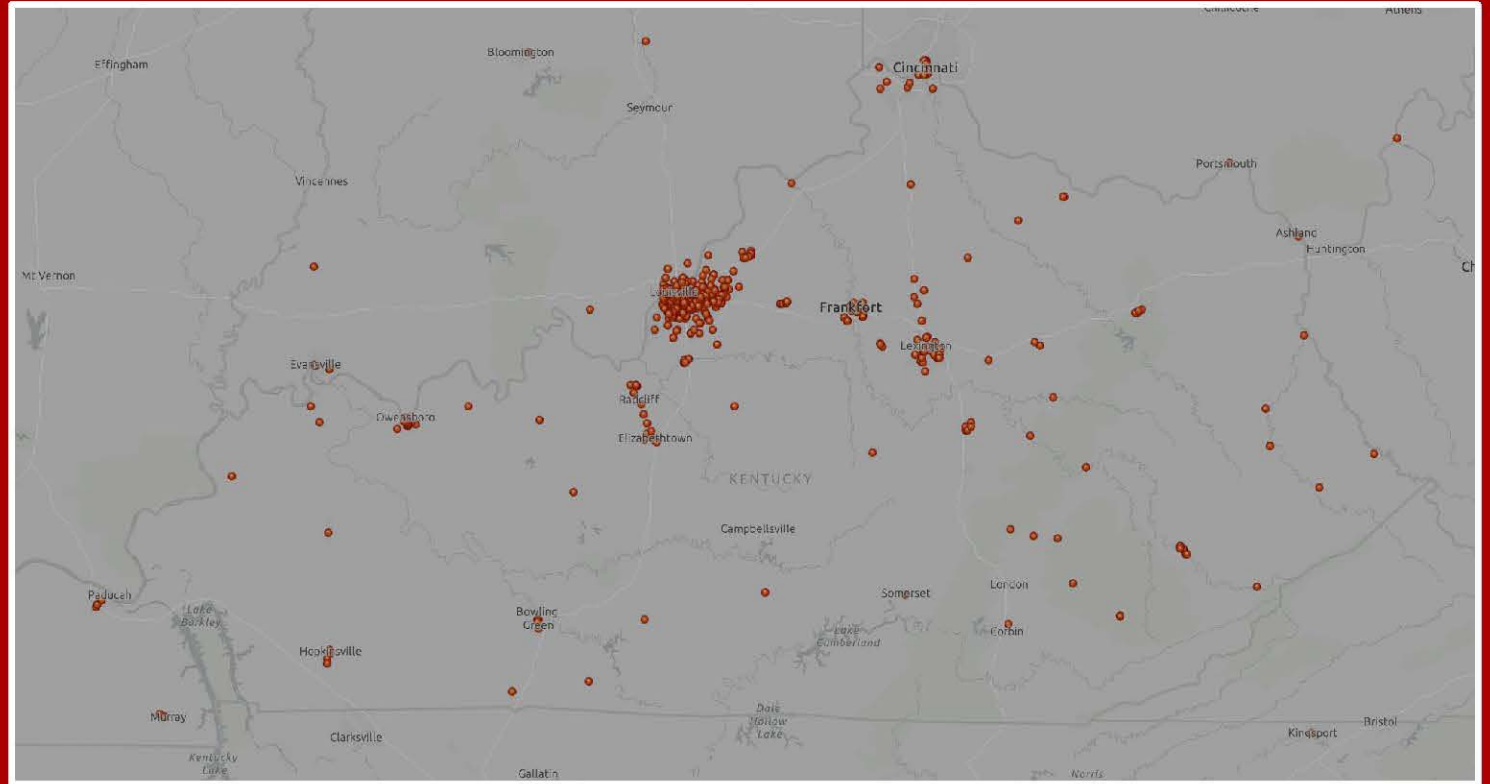
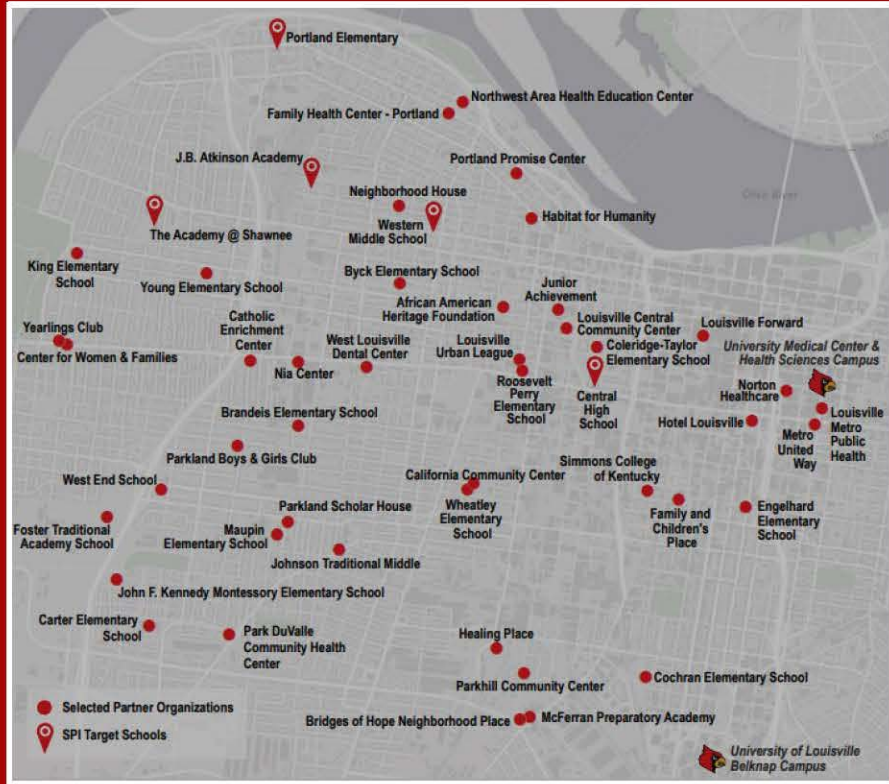


Health & Quality of Life - Improving health and quality of life is a key focus of community engagement activities across the university. UofL provides direct health services in communities locally, statewide, and around the world, as well as major work with partners on arts, cultural, and neighborhood development activities to connect community.



Social & Human Services - UofL works with community partners to provide direct social and human services, as well as in activities to build capacity for more sustainable neighborhoods.

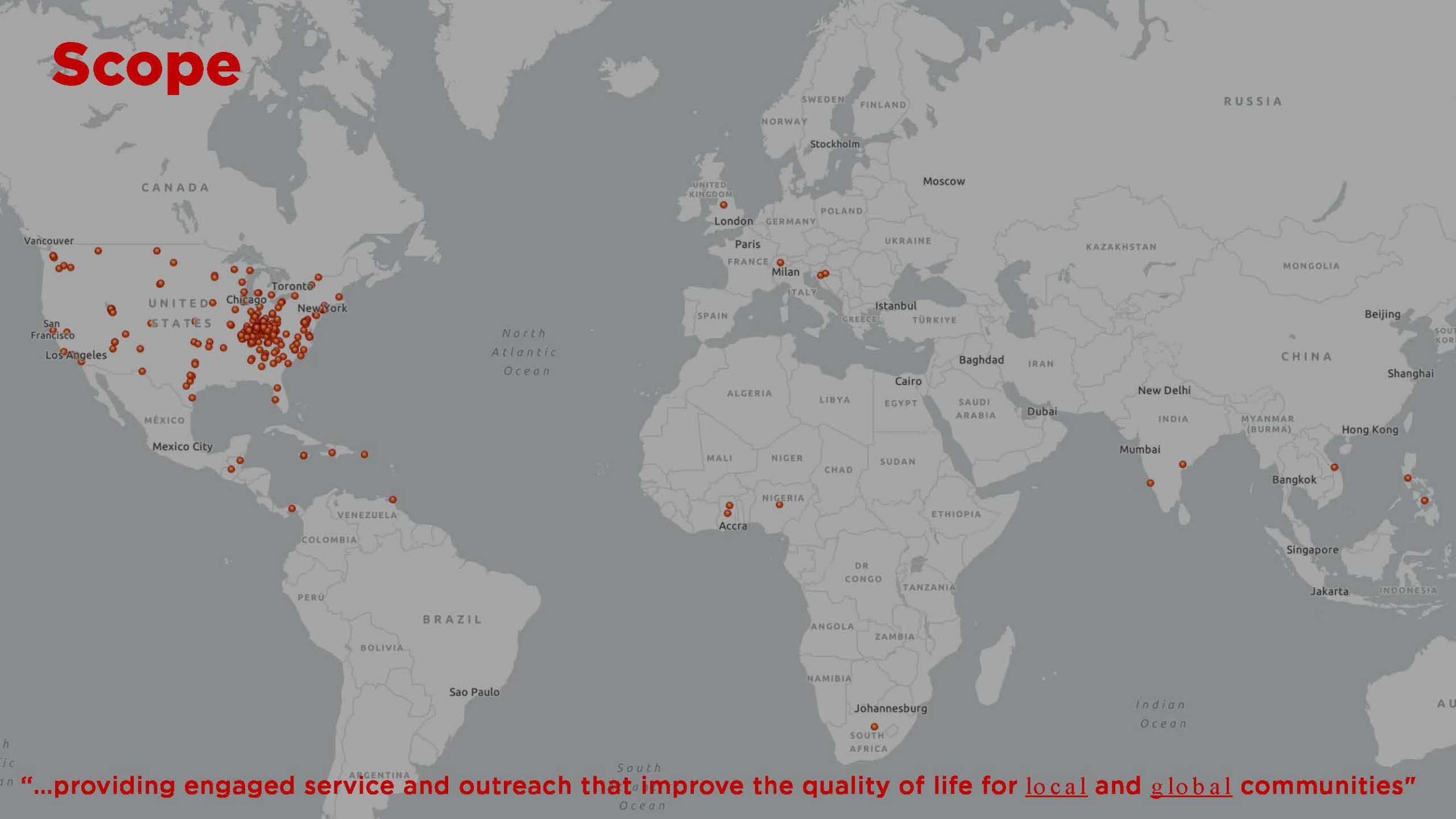
Scope



Serving the city through our metropolitan mission...

... with an increasing call to meet more needs across Kentucky

Scope



“...providing engaged service and outreach that improve the quality of life for local and global communities”

2023/2024 Board Members



Karen W. Krigger, M.D.

*UL HSC Director of Health Equity
Family Medicine Physician*



Ashley Mack

*Senior Director of Education Junior
Achievement of Kentuckiana*



Megan Adams

*Dual Credit Coordinator
University of Louisville*



Rolandas Byrd

*Senior VP Director of Community and
Multicultural Banking Republic Bank & Trust*



Angel Okorie

*Executive Vice President
UL Student Government Association*



Diane Whitlock

*Executive Vice President for Strategic Initiatives
University of Louisville*



Marland Cole

*Executive Director
Evolve 502*



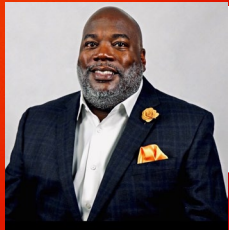
Jason Jagers, Ph.D

*Associate Professor
UL Department of Health & Sport Science*



Lamont Collins

*Founder/CEO Roots 101
Louisville Kentucky*



Daryle Unseld Jr.

*President/CEO
Boys & Girls Clubs of Kentuckiana*



Byron Terry

*Assistant Director LGBT Center
University of Louisville*



LaRee Shontee

*Graduate Research Fellow
University of Louisville*

2023/2024 Board Members

University of Louisville Office of Community Engagement



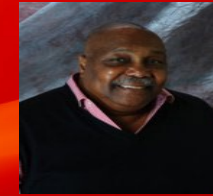
Luz Huntington-Moskos Ph.D

*Associate Professor & Director Community
Engagement Core UL School of Nursing*



Andre Kimo Stone Guess

*President/CEO
Fund for the Arts*



Ralph Fitzpatrick Ph.D

*Ex Officio OCE Board Chair
University of Louisville*



Nicholas Swim Ph.D

*Assistant Professor U. of Maine
Adjunct Professor University of Louisville*



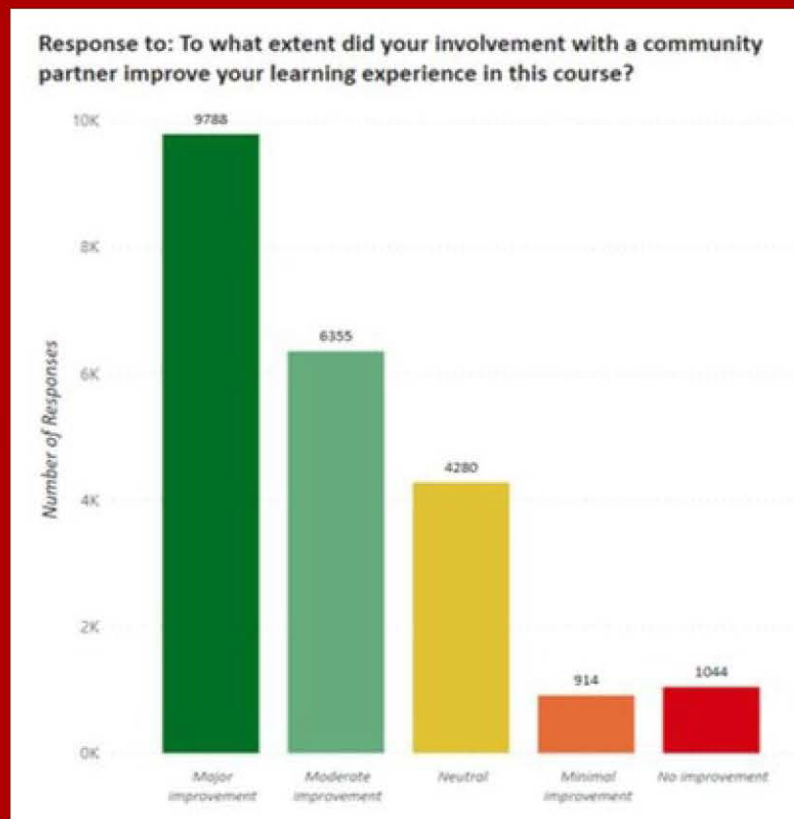
Degerald Watson Morton

*Sergeant
UL Police Department*

Impact

Students

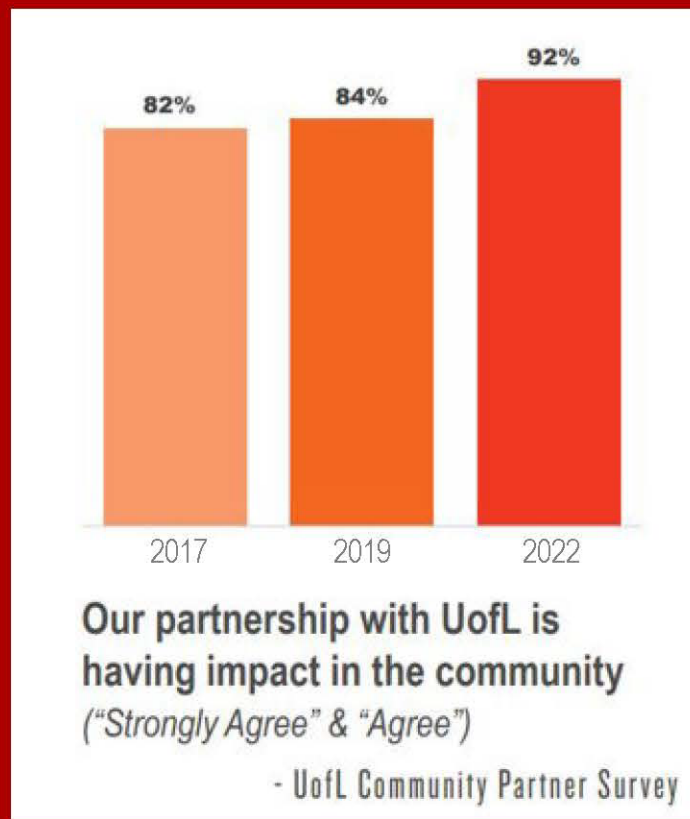
Learning experiences improved through community engagement in internships, co-ops, practica, clinics, etc.¹



¹ Item from Community-Based Learning (CBL) course evaluations, Fall 2017 – Spring 2023 [n = 193,961 student responses]

Community partners

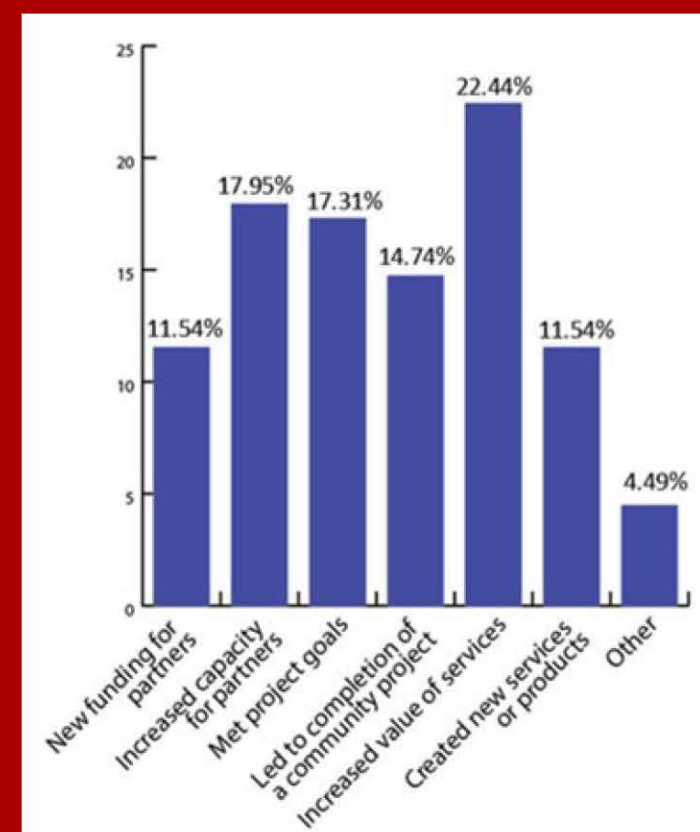
An increasing number of partner organizations reporting on impact in the community²



² Item from Community Partner Survey [2017: n = 86], [2019: n = 130], [2022: n = 41]

Faculty

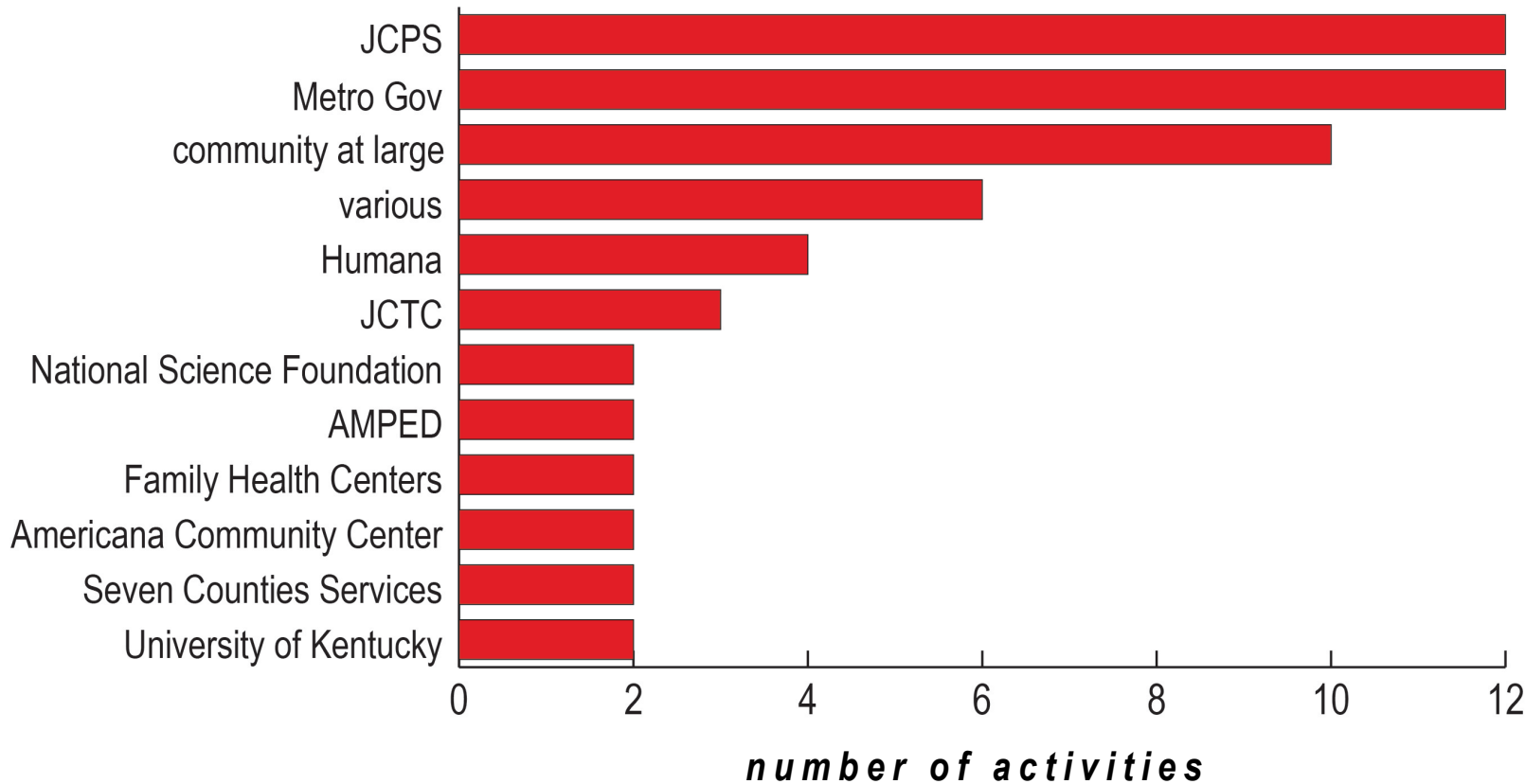
Faculty engaged scholarship resulting in new funding, increased capacity for partners, new community services, etc.³



³ Item from 2021 Community-Engaged Scholarship survey [n = 125 faculty responses]

WORKING LIST OF MAJOR PARTNERS IN 2023

OCE is conducting an environmental scan to develop a working list* of **current, ongoing activities** with external partners. This work will continue as part of UofL's Carnegie Community Engagement re-classification and will help inform the self study. These activities were derived from multiple sources including the OCE reporting system, news media reports, and unit/department news and socials.



Partner has at least one ongoing activity in 2023 scan

Adelante Hispanic Achievers, Baptist Health Deaconess, Berrytown Community Land Trust, Christopher 2x Game Changers, Commonwealth of Kentucky, Community Dental Clinic, Council on Postsecondary Education, Eastern Kentucky University, Family & Children's Place, Family Ark, Family Scholar House, GE Appliances, GLI, Home of the Innocents, JPMorgan Chase, KCTCS, Kentuckiana Works, Kentucky Commercialization Ventures, Kentucky Racing Health and Welfare Fund, Kidz Club, KY STEPS Behavioral Services in Bowling Green, La Casita, Legal Aid Society of Louisville, Louisville Jazz Initiative, Metro United Way, Metropolitan Housing Coalition, Metropolitan Sewer District, National Institute of Standards and Technology, Norton Healthcare, Owensboro Medical Health Systems, Red Bird Clinic, Rubbertown Emergency Action (REACT), Student National Medical Association, U.S. Health Resources and Services Administration, UPS, Wayside Christian Mission / Hotel Louisville, West End School, Yum! Brands

**this is not a comprehensive listing, rather a collection current collaborations with major community partners*

NATIONAL RECOGNITION

“The Coalition of Urban and Metropolitan Universities (CUMU) is pleased to announce that Henry R. Cunningham, Ph.D., University of Louisville, was awarded the 2023 Barbara A. Holland Scholar-Administrator Award.

Now in its sixth year, this annual award recognizes the growing need for research-informed leadership in higher education.”

Henry Cunningham recognized with the 2023 Barbara A. Holland Scholar-Administrator Award

By [CUMU](#) | October 17, 2023 | [CUMU News](#)



The Coalition of Urban and Metropolitan Universities (CUMU) is pleased to announce that Henry R. Cunningham, Ph.D., University of Louisville, was awarded the 2023 [Barbara A. Holland Scholar-Administrator Award](#). Now in its sixth year, this annual award recognizes the growing need for research-informed leadership in higher education.

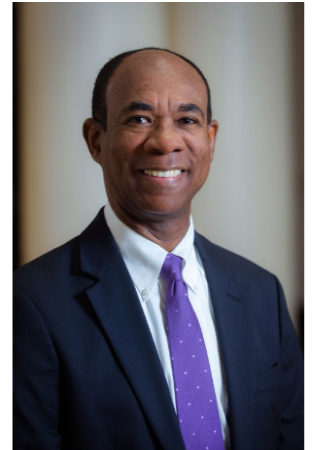
“On behalf of our board of directors, I want to congratulate Dr. Cunningham,” said Valerie Holton, Ph.D., executive director of CUMU. “It’s clear that the depth and breadth of his scholarship, applied practice, and humility in leadership **has helped to make University of Louisville a model for community engagement while also advancing the public mission across higher education.**”

Dr. Cunningham is the inaugural director of [community engagement](#) at the University of Louisville (UofL) and is the co-founder and co-director of UofL’s [International Service-Learning Program](#), which twice has won the national award from the National Association of Student Affairs Professionals (NASPA) as best international program in the United States.

“Dr. Cunningham has been recognized for his exceptional contributions to community engagement.

Through his leadership and scholarly work, he has demonstrated how academia can make a real difference in addressing important challenges facing urban and metropolitan areas,” said Douglas Craddock Jr., Ph.D., vice president for community engagement at UofL.

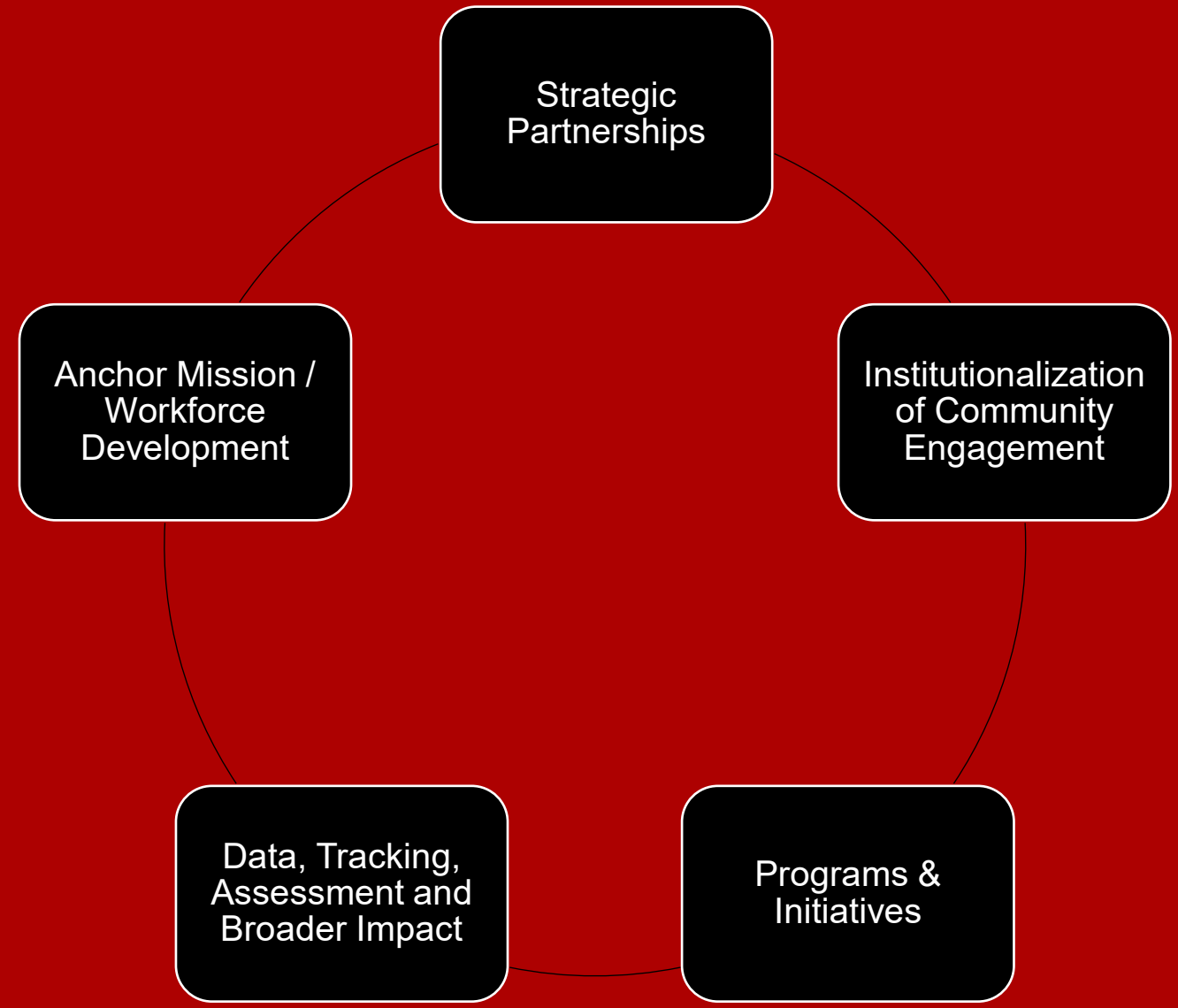
“This is a prestigious honor, reserved for scholars who have shown outstanding leadership and intellectual impact in the field of higher education. It is evident that Dr. Cunningham will play a crucial role in addressing key urban issues through his ongoing academic pursuits.”



Strategic Priorities

Mission: Facilitate the use of university knowledge and resources to support partnerships advancing the mutual needs of the community and the university.

LEARN / DISCOVER / CONNECT / WORK



Institutionalization of Community Engagement

Where we are

Academic Footprint

- Faculty Development (Community Base Learning Institute)
- Engaged Teaching and Research Workshops
- Policies advancing community engagement research (P&T, staff CE leave. Etc.)
- Academic Unit Community Engagement Plans
- Academic Unit Community Engagement Liaisons

Next 60 days

- Convene and Charge Carnegie Workgroup
- Health Equity HUB Alignment and Coordination

Long Term : Center for Community Engaged Research

Strategic Partnerships

Where we are

Community Based Partnerships

- Reactivation of West Louisville Place-based Initiative & Signature Partnership Initiative
- Establish Community Engagement partnership board
- Expand Community based outreach
- Collaboration with EVPRI relating to the entrepreneurship and small business community

Next 60 days

- Create MOU & Identify SPI target schools with JCPS
- Introduce OCE Board
- Assist EVPRI & Health Equity HUB 2.0

Long term Signature Partnership Initiative Office

Programs & Initiatives

Where we are

JCPS

- Increase awareness & visibility of Upward Bound TRIO / College Access Federal Program
- Cardinal Rising Program in collaboration with the Office of Institutional Equity

University/Community Wide

- Community Engagement Mini Grant Program
- Community Engagement Spring Academic Symposium
- Student Philanthropy Program
- Cards Come Together

Next 60 days

- Mini grant awardees luncheon
- Business Summit on Inclusive Excellence

Long Term

- Increase Upward bound/Trio enrollment at U of L
- Enhanced school based efforts with local schools

Data, Tracking, Assessment and Broader Impact

Where we are

Data (Assessment & Evaluation)

- Inventory of Major / Current CE Activities
- Ongoing work in assessing student, faculty, and partner impact
- Development of impact narrative on major partnerships for Carnegie self-report
- Progress report on engagement plans across the institution

Next 60 days

- Gain unit support/accountability for annual reporting
- Finalized community engagement annual report

Long Term : Centralized data reporting system

Anchor Mission / Workforce Development

Where we are

Anchor Institution

- Assessment of Purchasing Priorities and Planning (P3) Tool
- Local economic development revitalization
- Connecting and Convening Workforce Development Efforts

Next 60 days

- Gain unit support/accountability for annual reporting
- Finalized community engagement annual report
- Convene minority business meeting with internal units to discuss areas of opportunities and collaboration

Long Term : Anchor Initiative Plan



Office Of Community Engagement