

MINUTES OF THE ANNUAL MEETING OF THE
BOARD OF DIRECTORS OF THE
UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.

April 21, 2022

In Open Session

Members of the University of Louisville Research Foundation Board of Directors met in the Jefferson Room, Grawemeyer Hall, Belknap Campus, both in-person and virtually at 1:05 p.m. on April 21, 2022, with members present and absent as follows:

Present: Mr. James Rogers, Chair
 Mr. Jerry Abramson
 Mr. Scott Brinkman
 Dr. Raymond Burse
 Mr. John Chilton
 Mr. Al Cornish
 Ms. Diane Medley
 Ms. Mary Nixon
 Ms. Ugonna Okorie
 Ms. Diane Porter
 Dr. David Schultz
 Mr. John Smith
 Ms. Sherrill Zimmerman

From the
University: Dr. Lori S. Gonzalez, Interim President
 Dr. Gerry Bradley, Interim Provost
 Dr. Kevin Gardner, Executive Vice President for Research and Innovation
 Dr. Gail DePuy, Interim Senior Vice Provost
 Ms. Angela Curry, General Counsel and Vice President for Legal Affairs
 Dr. Jasmine Farrier, Vice President for University Advancement
 Dr. Toni Ganzel, Vice President for Academic Medical Affairs
 Mr. Josh Heird, Interim Vice President for Athletics and Athletic Director
 Ms. Mary Elizabeth Miles, Vice President for Human Resources
 Ms. Sandy Russell, Vice President for Risk, Audit, and Compliance
 Dr. Faye Jones, Sr. Assoc. Vice President for Diversity and Equity
 Mr. John Drees, Sr. Assoc. Vice President for Communications and Marketing
 Mr. Mark Watkins, Chief Operations Officer
 Ms. Shannon Rickett, Associate Vice President for Government Relations
 Mr. Rick Graycarek, Asst. Vice President for Budget and Finance
 Mr. John Drees, Executive Director of Communications and Marketing
 Ms. Beverly Santamouris, Treasurer
 Mr. Jim Begany, Vice Provost for Enrollment Management
 Mr. Brian Buford, Executive Director, Employee Success Center

Mr. Marvin Mitchell, Sr. Associate Athletic Director
Mr. Jeff Spoelker, Associate Athletic Director
Dr. Ian Norris, ACE Fellow
Ms. Carrye Wilkins, Associate Director, REACH
Mr. Chris Wooton, Director, Internal Communications
Dr. Mark Running, Professor, Biology
Mr. Sam Kessler, Student
Ms. Hana Ryskova, Student-athlete
Ms. Rawan Saleh, Student
Ms. Tryphena Sithu, Student
Ms. Bethan Smith, 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

I. Call to Order

Due to his virtual participation and to avoid any technical disruption, Chair Rogers requested that Ms. Medley act as Chair Pro Tem for this meeting.

There were no objections.

Ms. Medley called the roll. Having determined a quorum present, he called the meeting to order at 1:05 p.m.

Conflict of Interest Affirmation

The Chair Pro Tem 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 Directors meeting. Ms. Medley 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 Directors at this meeting, to please identify the conflict or appearance of conflict at this time.

No conflicts were identified.

Approval of Minutes, 10-29-2021

Mr. Abramson made a motion, which Dr. Burse seconded, to approve the minutes of the October 29, 2021, meeting.

The motion passed.

II. Action Item: Election of 2022-2023 Officers

Ms. Medley read the slate of officers for 2022-2023 as recommended by the Governance, Trusteeship, and Nominating Committee.

Dr. Burse made a motion, which Mr. Brinkman seconded, to elect the following:

Slate of Officers for 2022-2023

Chair	James Rogers
Vice Chair	Diane Porter
Treasurer	Diane Medley
Secretary	Larry Benz
Assistant Secretary	Jake Beamer

The motion passed.

III. Report of the Executive Vice President for Research and Innovation

Executive Vice President Gardner provided to the board an update using the **attached** presentation. He reported that the university was awarded \$201.5 million in competitive research funding in FY2021, a more than \$30 million increase over the previous year. This funding supported work in UofL's three Grand Challenge areas: to empower our communities, advance our health, and engineer our future economy.

Dr. Gardner also reported on the Health Equity Innovation Hub, the federal Build Back Better proposal, and the university's strategic approach to innovation.

He then fielded questions from directors.

Ms. Medley thanked Dr. Gardner for his report.

IV. Adjournment

Having no other business to come before the board, Ms. Okorie made a motion, which Ms. Zimmerman seconded, to adjourn.

The motion passed and the meeting adjourned at 1:25 p.m.

Approved by:


Signature on file _____
Assistant Secretary

RECOMMENDATION TO THE
UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.
BOARD OF DIRECTORS REGARDING THE
ELECTION OF OFFICERS FOR 2022-2023

Governance, Trusteeship, and Nominating Committee – April 21, 2022
Board of Directors – April 21, 2022

RECOMMENDATION:

The Governance, Trusteeship, and Nominating Committee recommends the following for election:

Slate of Officers for 2022-2023

Chair	James Rogers
Vice Chair	Diane Porter
Treasurer	Diane Medley
Secretary	Larry Benz
Assistant Secretary	Jake Beamer

BACKGROUND:

Per the ULRF bylaws, the Chair, Vice Chair, Secretary, Treasurer, and other officers shall be elected annually by the Board of Directors.

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

Research and innovation update

*Presented to UofL Research Foundation Board of Directors
April 21, 2022*

Office of Research and Innovation
louisville.edu/research

UNIVERSITY OF
LOUISVILLE®

RESEARCH AND INNOVATION *ENGINE*

The University of Louisville was awarded more than \$200 million for groundbreaking research in FY2021, a more than \$30 million increase over the previous record set the year before. At \$26.7 million, our innovation income was no-less impressive, nearly tripling our previous high.

This funding supported work in UofL's three Grand Challenge areas: to empower our communities, advance our health and engineer our future louisville.edu/research/economy.

\$201.5M

in competitive research funding - a more than \$30 million increase over our previous high in FY2020.

80

new patents awarded - nearly double the previous year's total.

\$26.7M

in innovation income - nearly triple the previous record set in FY2020

482

agreements (license, option, material transfer, NDA).

HEALTH EQUITY INNOVATION HUB

- Announcement in February on the new Health Equity Innovation Hub;
- Backed by investment of \$15M from Humana and the Humana Foundation, one of the largest single donations in UofL's history;
- Goal is to advance health equity and improve health outcomes for marginalized populations in Louisville and communities around the world.



MISSION
ADVANCE SOCIAL AND HEALTH EQUITY FOR
STRUCTURALLY MARGINALIZED POPULATIONS
THROUGH RESEARCH, ENTREPRENEURSHIP AND
INNOVATION, TALENT DEVELOPMENT, AND
COMMUNITY ENGAGEMENT.

Office of Research and Innovation

uofl.edu/research

The Opportunity of Equity

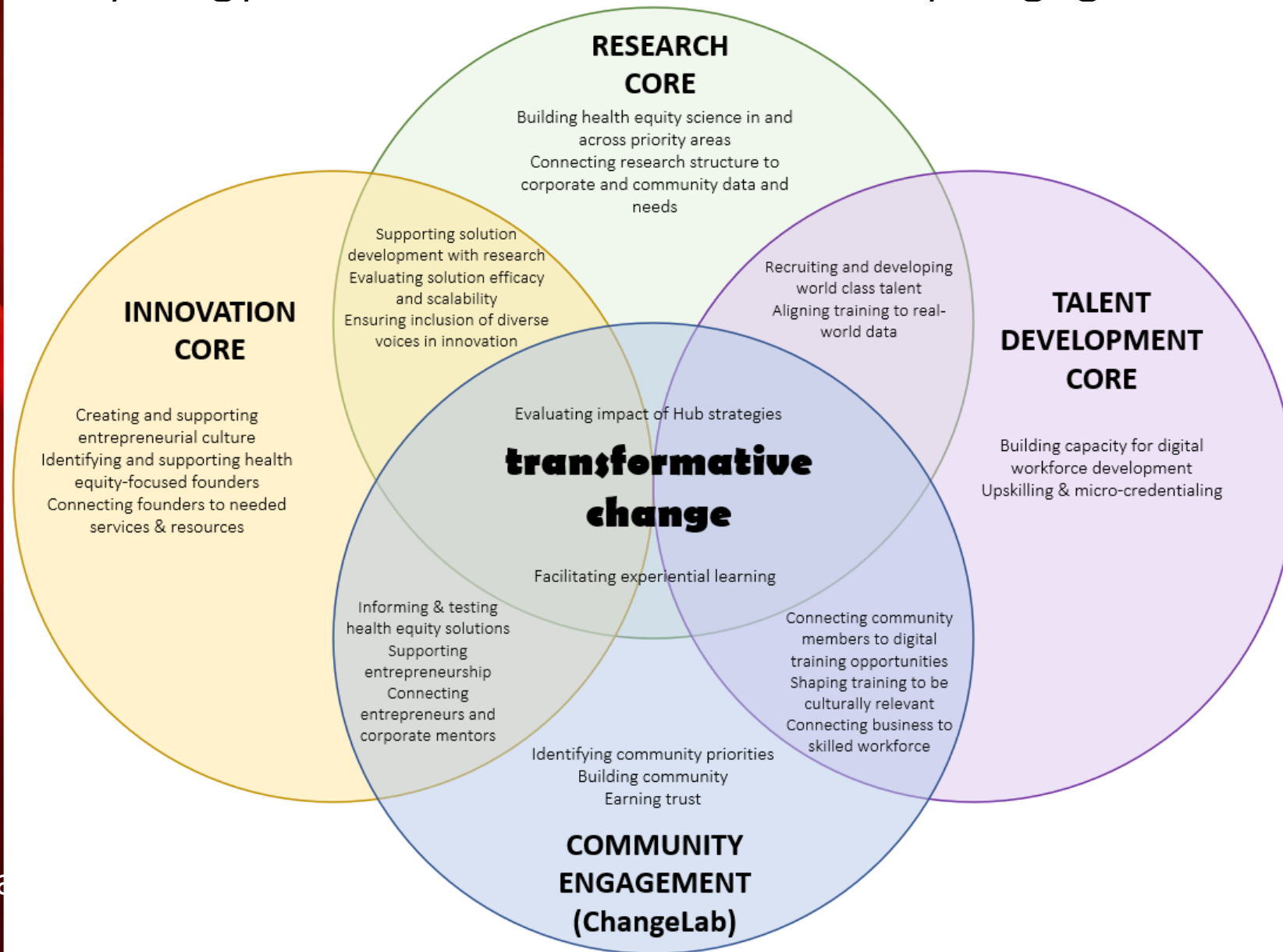
- Issues connected to health equity are among the most expensive and least efficient parts of the American economy.
- The impact of health inequities disproportionately fall on communities of color, who are only rarely meaningfully engaged in crafting or benefiting from solutions.
- The best opportunity Louisville has to be a city of inclusive growth and opportunity is to weave together the full resources of the University of Louisville as a Community-Engaged Research 1, our concentration of healthcare major companies and authentic community engagement to drive innovation and entrepreneurship.

Purposes of Health Equity Innovation Hub

- Launch or attract, and scale companies in Louisville that have scalable solutions to health equity issues.
- Engage the communities most impacted by health equity gaps in creating and benefiting from creating those companies.
- Build a regional talent pipeline that supports robust data and entrepreneurial ecosystems.
- Build a culture of entrepreneurship and innovation focused on social and health equity.
- Engage UofL students and faculty in the community and corporate ecosystem, while building an innovative entrepreneurial culture on campus.
- Commission community-engaged research that has real-world application and builds a culture of connectivity between UofL and the community.

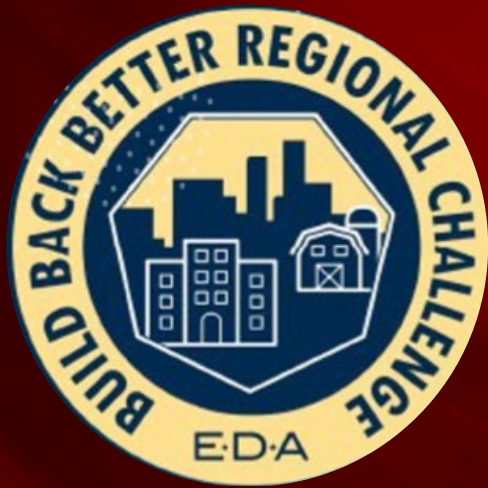
Synergy of the Cores and Community Engagement

CORES WITH CONNECTED WORKSTREAMS



Office of Research and Innovation
louisville.edu/research

BUILD BACK BETTER PROPOSAL



December 13: Phase 1 BBB \$500,000 Award

March 15: Phase 2 BBB Submitted \$50 M
Proposal

September: Notification of BBB Awards
In early 2021, the Economic Development Administration (EDA) announced a \$1 billion Build Back Better Regional Challenge to transform regional economies through groups of complementary aligned projects. The EDA broke the project into two phases.

UofL led a successful phase 1 coalition application with our partners at the Louisville Healthcare CEO Council and 6 other economic development partners. We received one of 60 phase 1 awards for \$500,000, from a pool of 529 phase 1 applications. The coalition submitted a \$50 M proposal on March 15, 2022. The EDA expect to make 30 awards.

BUILD BACK BETTER PROPOSAL



OUR VISION:

To establish the region as a nationally-competitive hub for Digital Health and AI by accelerating business adaptation and innovation, building equitable pathways into family-supporting jobs, and attracting venture capital investment, all while sustaining pandemic, recovery, increasing equity and leading to resiliency for future economic fluctuations. Achieving this vision leads to GDP growth of \$456M and an end to the tech workforce equity gap.

PARTNERS:

- Louisville Healthcare CEO Council (LHCC)
- Metro United Way (MUW)
- Academy of Music Production Education and Development (AMPED)
- Greater Louisville, Inc. (GLI)
- Kentuckiana Regional Planning & Development Agency (KIPDA)
- Louisville Metro Government (LMG)
- Louisville Urban League (LUL)
- University of Louisville (UofL)

BBB MAIN PROJECT COMPONENTS

The four identified projects will foster economic growth and competitiveness for the digital health and AI cluster through job creation, capacity building and attracting investment.

Digital Health Entrepreneurship, Innovation and Commercialization Programs: Increase the region's capacity to support high-growth startups, corporate innovation and IP commercialization.

Digital Health Applied Research Program: Focus on applying AI, machine and deep learning to solve challenges related to industry-identified healthcare priorities while focusing on increasing talent pipeline diversity.

Workforce Development with Wrap-Around Supports: Increase and diversify the talent pipeline by mitigating barriers to training and employment.

Innovation Corridor: NuLu and Russell Stations, will build geographically strategic program spaces and provide connecting points for executives, technologists, learners, and entrepreneurs.

IMPRESSIVE FOLLOW-ON *FUNDING*

UofL companies and licensees have a history of success in receiving follow-on funding to further develop university-born technologies.

This may include venture capital, federal or state development grants, and funding from Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR).

UofL supports companies pursuing this louisville.edu/research funding, including through its established

\$365M

The amount of funding raised by UofL startup Talaris in two years' time. this number includes series A and B investment rounds (each being one of, if not *the*, largest raises in the state in their respective years) and a fully funded

\$32M

The amount of SBIR/STTR funding secured by UofL licensees and partners in the past four fiscal years (2017-2020). This number outpaces our peers and make UofL possibly *the best* university partner for SBIR/STTR in the state.

UOFL'S STRATEGIC APPROACH TO INNOVATION



- Innovation pipeline development:
 - Unmatched external funding for innovation grant programs with ~\$14M in total. Current programs include EDA PRePARE, NSF I-CORPS, and NIH KYNETIC (in collaboration with UK/KCV);
 - Funding evaluation done with industry/investor partners including industry style project management.
- Training programs to determine the business case for UofL inventions:
 - LaunchIt and Translational Training Series for Life Sciences;
- Startup support:
 - UofL New Ventures Program
 - UofL Entrepreneur-In-Residence program, speaker series and LHCC Chairman's Circle;

CHALLENGES:

New Unfunded
Federal Mandate
for FY2023-24

National Security Presidential Memorandum
33 (NSPM-33):

- Establishes national security policy for federal government supported R&D;
- Seeks to strengthen protections for R&D against foreign government interference/ misappropriation;
- Will require investment in research security, cybersecurity, and more

Will need to be in compliance with NSPM-33 to be eligible for federal R&D funding (\$120 M+ in FY21).

CHALLENGES:

Attracting and
Retaining
Faculty
Researchers

In FY2016-2021, UofL:

- Lost 31 faculty (including retirees) who served as a primary PI on an NIH award;
- Gained only 8 faculty who served as a primary PI on an NIH award.

Providing more resources and support is critical to attracting and retaining productive faculty, who secure grants and other funding that backs our mission of creating new knowledge and innovation.

Research and innovation update

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