



Dear Friends,

We've just experienced that exciting time when campus comes back to life with the return of our students for the fall semester. Summertime is not slow at the University of Louisville, but there's something about having full classrooms and residence halls that brings special energy to our daily work.

There is a lot to celebrate as the fall 2022 semester begins. Our incoming freshman class is the largest in recent university history. More students—about 3,700—are living on campus than ever before. We just opened two new, state-of-the-art residence halls. And we've largely ended our COVID restrictions, allowing students, faculty and staff to enjoy campus life to the fullest.

We're coming off of a remarkable summer, which saw the university produce nine more Fulbright Scholars, receive the generous donation of a downtown office building from Humana Inc., and name Josh Heird as our permanent athletic director. UofL Health also broke ground on a \$144 million expansion of University of Louisville Hospital.

More great things are expected in the new academic year as we work to complete our university strategic plan, embark on a campus master planning process and continue our brand integration efforts. We look forward to more student successes, research breakthroughs and connections with our community. Of course we'll also cheer the Cardinals on to more wins on the playing fields.

I hope you'll take the time to look at all of the successes included in this report. We're telling our story, and we hope you'll help us share the good news about all that's going on in the Cardinal Community. I cordially invite you to get involved with our UofL. We're doing so much, but we can do so much more with your help. Thanks, and Go Cards!

Lori Stewart Gonzalez

*Lori Stewart Gonzalez*

Interim President,  
University of Louisville



**New residence halls welcome new students**

The University of Louisville celebrated the opening of two new residence halls on the Belknap Campus.

One building, temporarily called New Residence Hall (NRH), accommodates 450 primarily first-year students in one- and two-bedroom units on five floors. Located in the heart of Belknap Campus, the building will also serve as the location of the university's new Center for Engaged Learning - an experiential and engaged learning resource hub for students, researchers, businesses and other community partners.

UofL student athletes and sports administration students will find a new home in a new residence hall located near the basketball practice facility and closer to Cardinal Stadium. Denny Crum Hall, named for the legendary UofL men's basketball coach, will be dedicated in September.



**UofL Health Equity Innovation Hub awards \$1 million for research to improve health outcomes**

The University of Louisville's Health Equity Innovation Hub has announced more than \$1 million in research funding to advance health equity for communities that have been marginalized.

The Hub was launched earlier this year as a collaboration between UofL, The Humana Foundation and Humana Inc. aimed at closing health equity gaps facing vulnerable populations. The 10 projects awarded in this initial round of funding further this goal by tackling inequities in areas such as access

to mental and physical health care and healthy food. Projects were eligible for up to \$100,000 per year for up to three years.

The Hub launched with a potential total investment of \$25 million from the Humana Foundation, Humana Inc. and UofL, representing one of the largest single donations in the history of the university. Humana also recently announced it would donate a fully furnished eight-story building, located at 515 W. Market St., to house the Hub's administrative team and programming.



## UofL coordinates efforts to aid eastern Kentucky residents affected by flooding

The recent devastating floods have caused significant loss of life and have left many people without homes, food, water, clothing and other necessities.

UofL called upon the Cardinal Community to aid the residents of eastern Kentucky. The efforts include:

- UofL Health provided \$25,000 to the Red Cross for disaster relief and is sending supplies and support to the Mountain Comprehensive Health Corp., which operates nine primary care centers in Appalachia.
- The School of Dentistry assisted the Mountain Comprehensive Care Clinic with treating patients with acute dental emergencies, also working with Delta Dental to send its mobile dental clinic to the area.
- The School of Medicine's student body collected supplies (bottled water, hygiene products, household products, etc.)
- The Athletic Department gathered water and delivered it to eastern Kentucky.
- The men's basketball team participated in a Red Cross telethon on WLKY-TV to raise funds for needed supplies.
- Various schools and colleges also sponsored smaller drives, offering support to their students.

Additionally, the UofL Comparative Medicine Research Unit partnered relief efforts with the Kentucky Veterinary Medical Association targeting family needs. Licensed veterinarians provided care for the animals.

Finally, UofL's Trager Institute connected UofL Health and Mountain Comprehensive Health Corp. Trager's staff, family and friends raised over \$2,000 to send immediate supplies to eastern Kentucky.

More than 170 UofL students hail from counties severely impacted by the flooding. UofL orchestrated counseling services, emergency housing and other assistance available to those students and their families.



## UofL launches center focused on Industry 4.0

The University of Louisville has launched a new Center for Organizational Readiness toward Enterprise 4.0 (CORE4.0) aimed at helping companies prepare for smart and connected technology such as automation, artificial intelligence and the Internet of Things.

Backed by a new roughly

\$500,000 grant from the U.S. Economic Development Administration, the center will provide research, assessment, recommendations and workforce development to industries.

UofL researcher Faisal Aqlan, who runs the center with colleagues Lihui Bai, Kunal Kate and Will Metcalf, said this revolution — also known as [Industry 4.0](#) or Enterprise 4.0. — has the potential to radically transform a number of industries, and the benefits will go to companies that plan ahead.

CORE4.0 is aiming to have a "smart factory" where machines talk to each other to anticipate and address problems. Similar advances have been seen in health care productivity

CORE4.0 will engage three industry sectors including manufacturing, logistics and health care, through partnership with Western Kentucky University, Metals Innovation Initiative (Mi2) and the Louisville Healthcare CEO Council.

Industry leaders interested in working with the Center for Organizational Readiness toward Enterprise 4.0 can contact [uoflogistics@louisville.edu](mailto:uoflogistics@louisville.edu).

## UofL researchers find positive chemotherapy response in resistant colon cancer

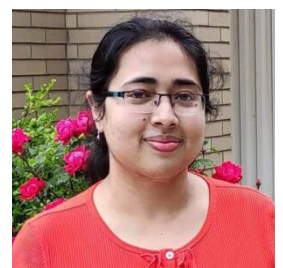
A study by UofL researchers has shown that a metabolite produced by gut microbes from a component found in pomegranates and berries can help improve the effectiveness of chemotherapy used to treat colorectal cancer. Venkatakrisna Rao Jala, UofL associate professor of microbiology and immunology, led the research, which was [published in the journal \*Theranostics\*](#) this month.

A major challenge in treating colorectal cancer, the second leading cause of cancer death in the U.S., is that the cancer cells can become resistant to the chemotherapies that treat them. In a pre-clinical study, Jala and his team found that using Urolithin A (UroA) and its potent structural analogue UASO3 in combination with the anti-cancer drug 5-fluorouracil, improves effectiveness of the drug by sensitizing the cancer cells to the drug's effects. UroA, a metabolite derived from berry and pomegranate components ellagic acid and ellagitannins, is recognized as a safe dietary supplement by the FDA.

Sweta Ghosh, a post-doctoral associate at UofL, was first author on the study and Rajbir Singh, former UofL post-doc, executed the experiments. This research was funded by the National Cancer Institute and a COBRE project grant.



Venkatakrisna Rao Jala



Sweta Ghosh