

A New Research Building Dedicated to Kentucky's Health Disparities

WHAT HEALTH DISPARITIES ARE WE TARGETING?

Cancer, Diabetes & Obesity, Cardiovascular Diseases & Stroke, Substance Abuse

This facility will enable multidisciplinary research teams—basic biomedical research, health services, public health, behavioral sciences, bioinformatics and big data, economics and engineering—to work together to develop solutions to these complex problems and help Kentuckians live healthier lives.

GROUNDBREAKING & FUNDING

In 2015 UK broke ground for this \$265 million building (half of the funding from the state of Kentucky; half from university resources, including private gifts). In 2018, legislative leaders designated an additional \$40 million in bonds toward UK's work to turn the tide of health disparities.

PHASE 1

Opening in September 2018, Phase 1 includes some of the basement and floor 1, and all of floors 2 and 3.

HOW MANY RESEARCHERS?

- Up to 100 Principal Investigators (PIs) who lead federally funded research projects (half current UK PIs, half new recruits to UK)
- 500 people total (including PIs, postdoctoral scholars, graduate and undergraduate students)

OVERALL DESIGN

- 6 floors of biomedical laboratories (96 benches), 3 floors of researchers in Connector Building
- Modern animal facility in basement
- Core facilities with imaging, behavioral & metabolic shared equipment for all health areas
- Combined underground loading dock to service buildings in this complex
- Green-roof courtyard over basement connecting new building to BBSRB with Wi-Fi capability
- Glass walls & large windows for natural lighting & an open environment

AUDITORIUM, MEETING SPACES & AMENITIES

- 100-seat capacity auditorium that opens to 1st-floor atrium
- 2nd-floor conference rooms & additional collaborative spaces on each floor
- Restaurant & bike room to enable healthy eating & commuting

NEIGHBORHOOD BIOMEDICAL RESEARCH LABORATORIES

- Most floors have 3 neighborhoods (6 laboratory benches in each neighborhood)
- Benches are flanked by procedure rooms with specialized equipment
- Linear equipment hall down the center of each lab floor to improve efficiency of operations
- Faculty offices flank corners of each neighborhood

CONNECTOR BUILDING

- Corridor from BBSRB to new building on 2nd floor with stairs to first floor lobby
- Behavioral and computational research suites on 2nd floor
- Offices and personnel carrels on floors 2, 3 & 4



FIRST LEVEL



SECOND LEVEL



THIRD LEVEL

Area Legend

- | | |
|----------------------------|-----------------|
| Lab | Computational |
| Office | Computational |
| ab | Experimental I |
| ab, Support | Experimental II |
| | Office |
| | Open Office |
| Meeting | |
| Open Meeting | |
| Public Circulation | |
| Support | |
| Food Service | |
| Food Service Back of House | |
| Bicycle Storage | |