



## KU - SIMONS BIOSCIENCE PHARMACY RESEARCH LABORATORIES

The University of Kansas School of Pharmacy commissioned a study for the expansion and improvement of the Simons Bioscience Research Laboratory Facility on West Campus. The objective of the study is to assess the facility's space usage, and the serviceability of the mechanical and electrical systems. The results of this study, in combination with the published program for the building expansion, will ensure the expansion and renovation results in efficient, modern, and adaptable laboratory and laboratory support spaces for the School of Pharmacy.

The design team interviewed the Pharmaceutical Chemistry Department Chair and faculty to learn of any common building issues or limitations and to discuss opportunities with maximizing or sharing equipment and/or instrumentation spaces.

The proposed design concept developed through this study arranges the existing space in a more efficient way that will also increase faculty and graduate student interaction. Laboratories will remain within the center portion of the building. This arrangement groups laboratories and office/meeting rooms, which separates laboratory and non-laboratory spaces for safety and HVAC (Heating, Ventilation and Air Conditioning) efficiencies.

In total, approximately 32,000 square feet of the existing building will undergo varying levels of renovation: 8,000 square feet of heavier laboratory renovation including new shared instrumentation and equipment laboratories, reconfiguration of the existing BSL-3 laboratory into typical wet laboratory space, and realignment of the southwest laboratories for a new corridor; 6,000 square feet of office remodel for faculty and graduate workstations; 12,000 square feet of existing laboratories will receive power and circuiting improvements;

SIZE (GSF): 32 000

LOCATION: Lawrence, Kansas

PROJECT TYPE: Science + Research

SERVICES:

Mechanical Engineering

Electrical Engineering

Laboratory Planning + Design

and approximately 6,000 square feet of new floor finishes at the auditorium, lobbies and corridors throughout both floors.

Additional mechanical and electrical improvements include overhauling the air conditioning chiller and cooling tower, and a new generator. A proposed two-story addition of approximately 5,500 square feet per floor will infill the west opening, and will follow the same conceptual layout with office and meeting areas along the south and one five module laboratory per floor in the center zone. High profile areas such as Emeritus or visiting faculty offices and specialized classroom and meeting spaces will be located along the west, facing the School of Pharmacy building. Combined with a new west entrance, these specialty spaces will provide an opportunity to create a design that signifies this addition as the “front door to the next generation of vaccine development.”

### Additional Photography



