

## Medical Science Research Building II Chiller Replacement and Chilled Water Interconnection to Medical Sciences Research Building III



### Project Description

This project will replace three of the four steam absorption chillers with three electric centrifugal chillers, retaining the most reliable steam absorption chiller to provide backup capacity. The project will also replace the cooling towers, located on the roof of Medical Science Unit II, with new cooling towers. The project will also interconnect the chiller plant at MSRB II with the chiller plant at MSRB III, creating a regional chiller system that will result in energy savings, reduced operational and maintenance costs, and increased redundancy and reliability. In addition, the project will provide a new substation in the Animal Research Facility to serve the new electric load, and the obsolete substation that serves MSRB I will be removed.

### Energy Efficiency Measures

- Installation of energy efficient electric centrifugal chillers to replace absorption chillers.
- Interconnection of the chiller plant at MSRB II with the chiller plant at MSRB III, creating a regional chiller system that will result in energy savings.

### Project Data

- Budget: \$14 M
- Schedule: Completion Scheduled for Winter 2016
- Square Feet: N/A

### Substantially Complete: March 2016

- Project Status: Substantial Completion
- Design Complete: 100%
- Construction Complete: 100%