

# Levis Faculty Center

**Building Gross Sq. Ft:** 35,912

**Retrocommissioning** October 2019 - January 2020

**Principal Building Use:** Meeting and Event Space



## Building & Occupant Overview

The Levis Faculty Center is a building on the campus of the University of Illinois Urbana-Champaign (UIUC) that provides meeting and event space for faculty and staff. The center was built in 1972 and is named after Margaret H. and William E. Levis, who donated \$1 million to the university for its construction. The Levis Faculty Center is a popular venue for conferences, receptions, and other events. It also houses the offices of the Humanities Research Institute.



## Project Highlights

- ☐ Added VAVs
- ☐ Added return air grille above entrance to room 207
- ☐ Maintained and calibrated AHU and VAVs
- ☐ Added CO2 sensors to conference rooms
- ☐ Repaired toilet exhaust fan
- ☐ Replaced broken steam valves in cabinet heaters
- ☐ Installed new seals and sweeps onto doors
- ☐ Installed caps onto chimney vents
- ☐ Capped exhaust grille in room 5
- ☐ Adjusted sidewall diffusers to prevent drafts
- ☐ Fixed lavatory and drinking fountain issues

## Retrocommissioning Specifics & Results

The previous constant volume system was converted to a variable air volume system. In this transition, the team added 10 VAV boxes to the building, all of which are located on the fourth floor.

Additionally, the team added DDC controls to occupancy sensors to achieve significant energy savings

There were also several issues with the lavatory and drinking fountains that were corrected by the team, including malfunctioning faucet handles and improper draining.

Overall, the Retrocommissioning Team has been successful in reducing costs by over \$163,500 as of September 2023, with a projected savings of \$20,000 annually, corresponding to a substantial 28% reduction in total energy