

Robert A. Evers Laboratory

Building Gross Sq. Ft: 23,862

Retrocommissioning October 2022 - March 2023

Principal Building Use: Research Space



Building & Occupant Overview

Robert A. Evers Laboratory is a LEED Silver-certified building constructed in 2012. Named after botanist Robert August Evers, the building provides office and laboratory space for the Illinois Natural History Survey, Prairie Research Institute, as well as student research. The building has recently undergone a project to install a green roof, in which vegetation is grown on the rooftop to prevent rain runoff and improve sustainability.



Project Highlights

- ☐ Added occupancy sensors
- ☐ Calibrated the climate controlled seed storage room
- ☐ Replaced malfunctioning boiler
- ☐ Lowered outside air minimum
- ☐ Added return air humidity and CO2 sensors
- ☐ Repaired EF 1 & 2
- ☐ Maintained and calibrated VAVs
- ☐ Fixed issues with graphics

Retrocommissioning Specifics & Results

Both exhaust fan 1 and 2 had broken belts that required replacement, leading to the bathrooms struggling to exhaust.

There were many issues that needed to be corrected on graphics, including issues with CHW pumps AHU safety alerts.

Overall, the Retrocommissioning Team has been successful in reducing costs by over \$14,000 as of September 2023, corresponding to a substantial 40% re-