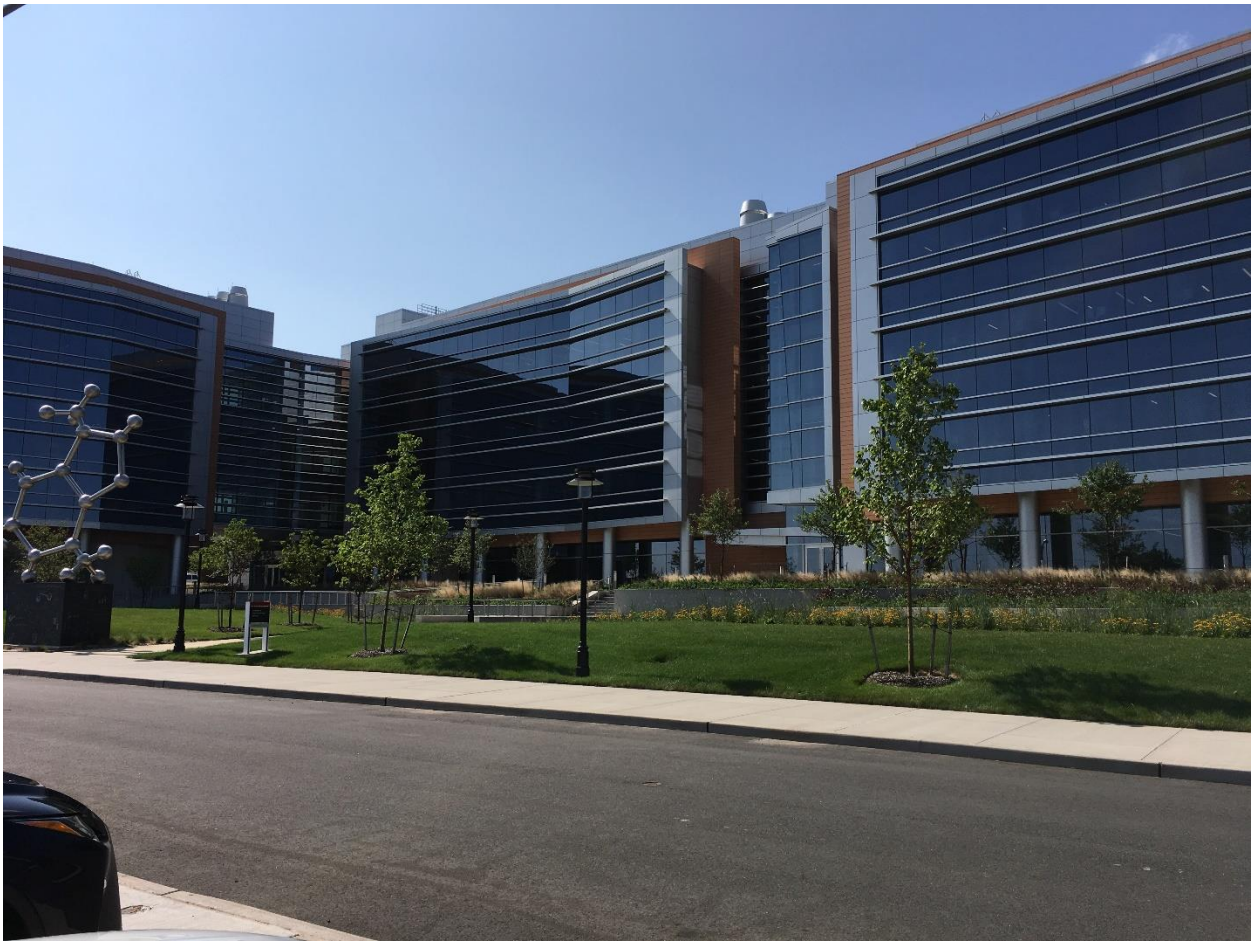
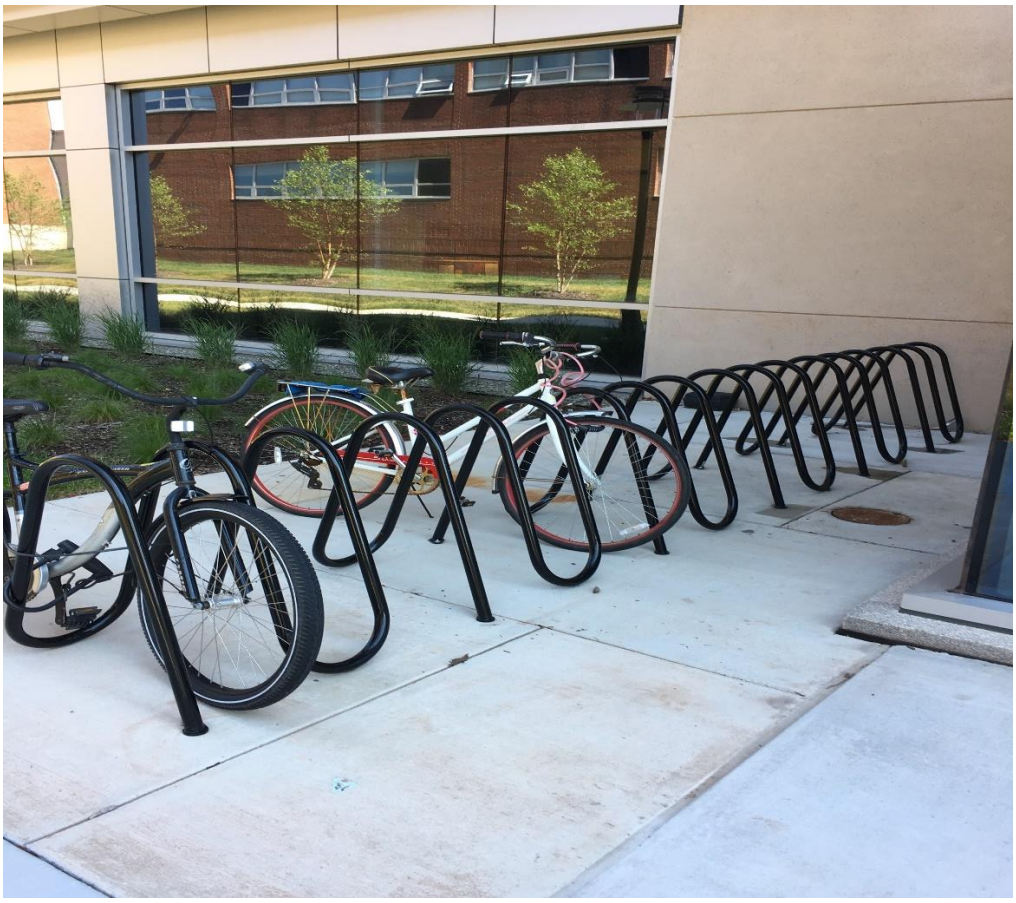
Chemistry and Chemical Biology Building



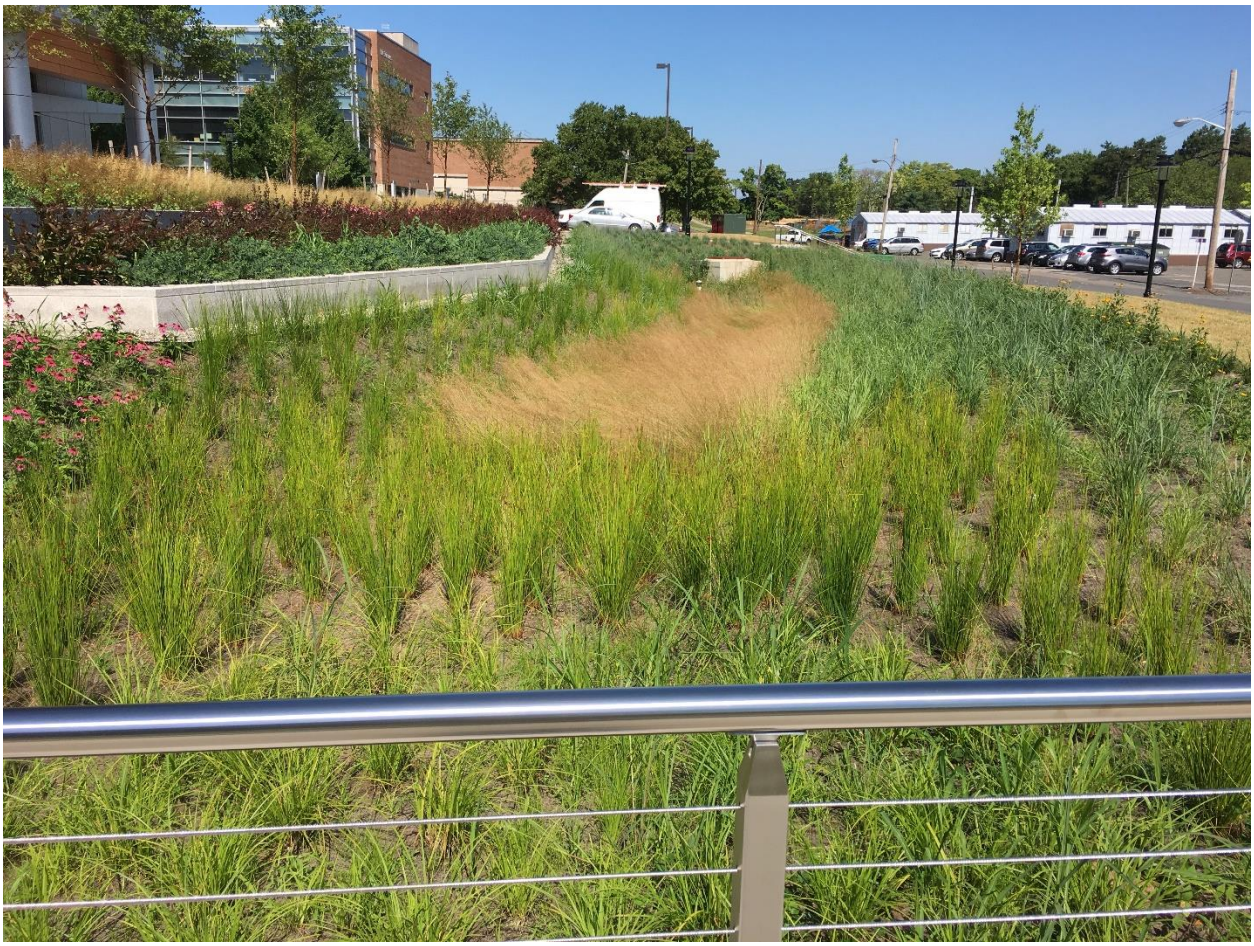
SUSTAINABILITY CASE STUDY

Sustainable Sites



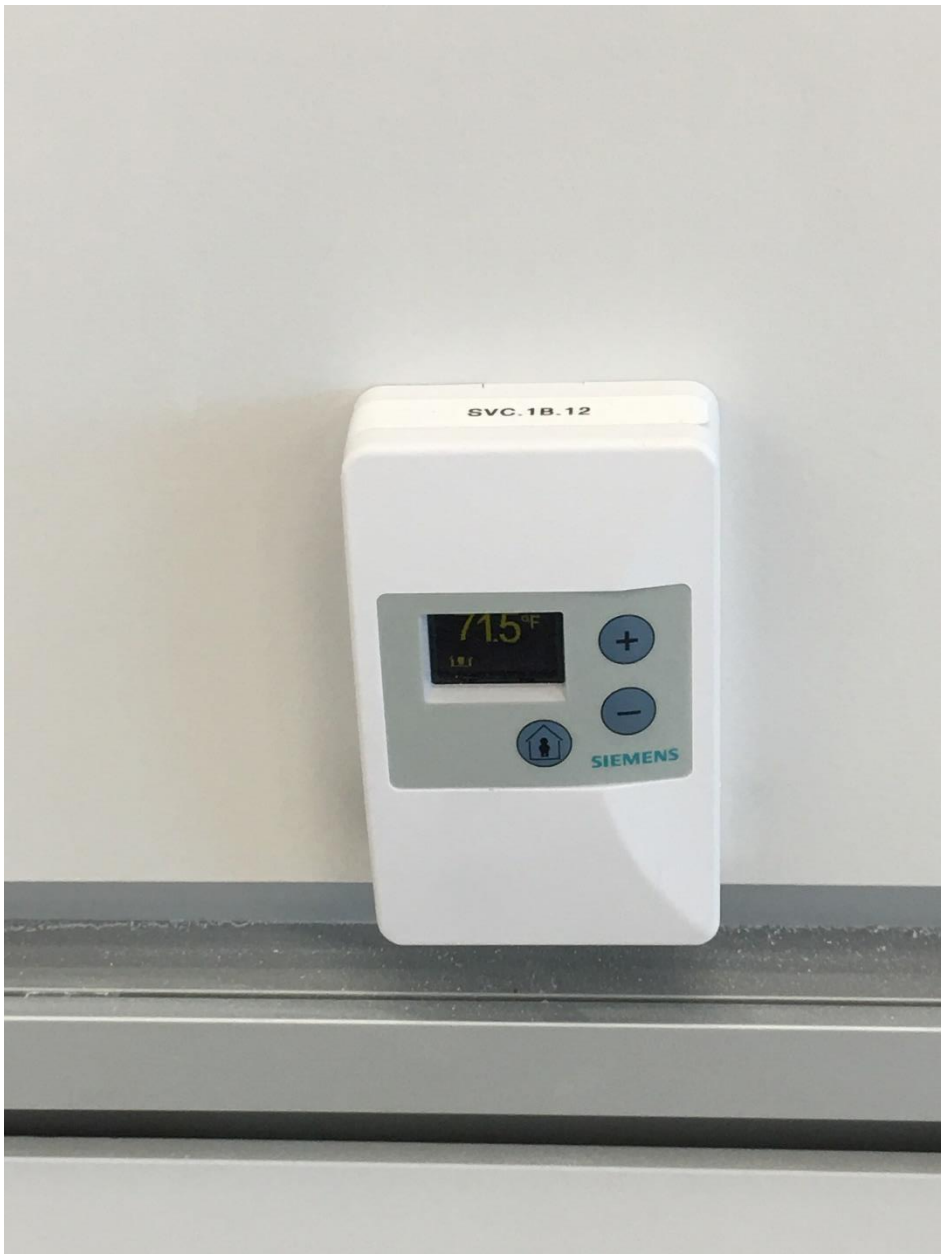
The Chemistry and Chemical Biology meets Development Density and Community Connectivity. The building is central to public transportation, banking, and dining. There are charging stations for alternative vehicles. The area surrounding the building had minimal disruption and is restored to protect habitat. Indigenous plants were used.

Water Efficiency



In keeping with landscaping, water efficient landscaping is used. No irrigation is used. In the interior spaces innovative waste water solutions were used with a 30% reduction in water use.

Energy and Atmosphere



The building uses advance refrigerant management and utilizes efficient systems for optimal energy performance. The building was commissioned using advanced commissioning.

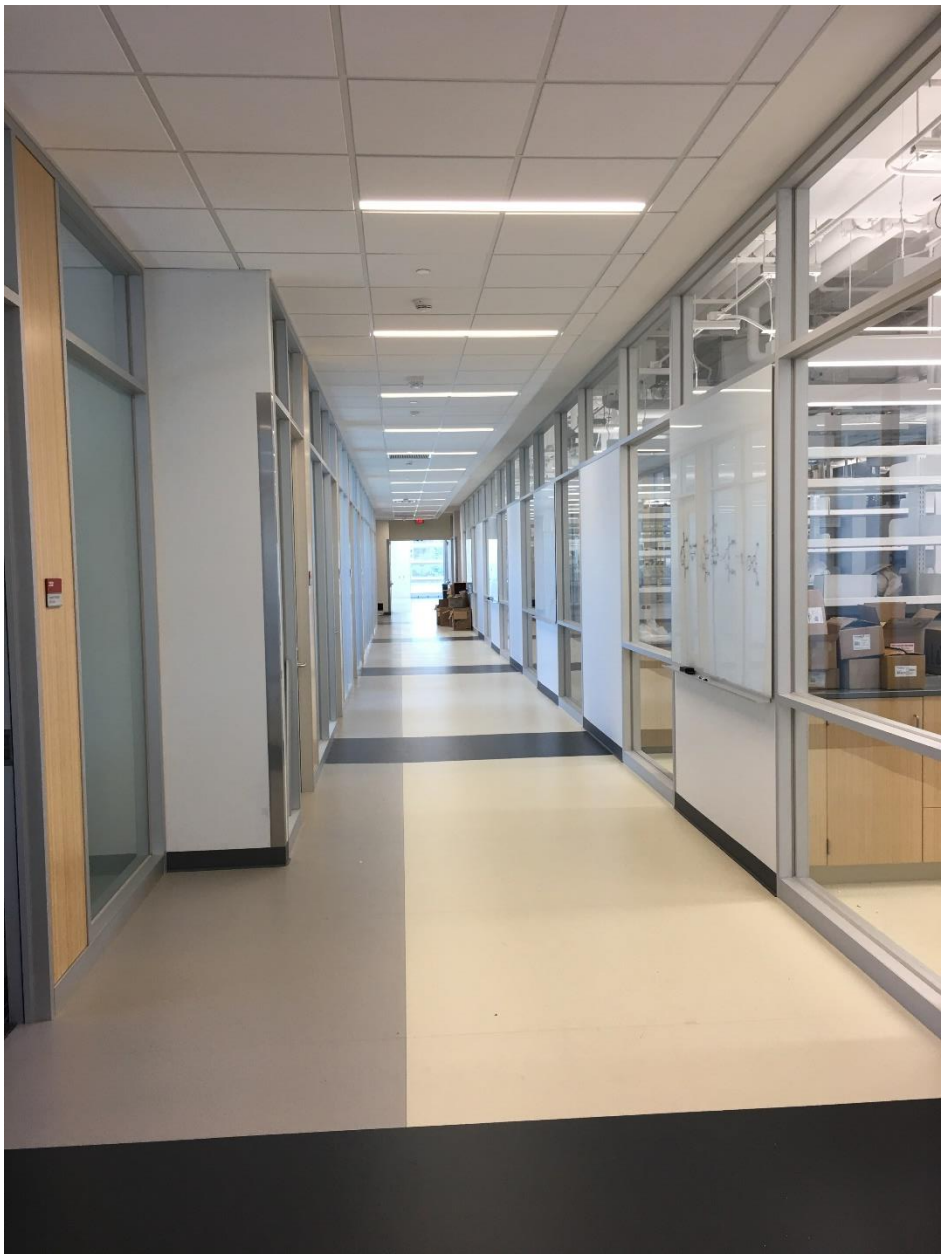
Innovative Design

Green Cleaning and Public Education

The university has a green cleaning policy and plan in place.

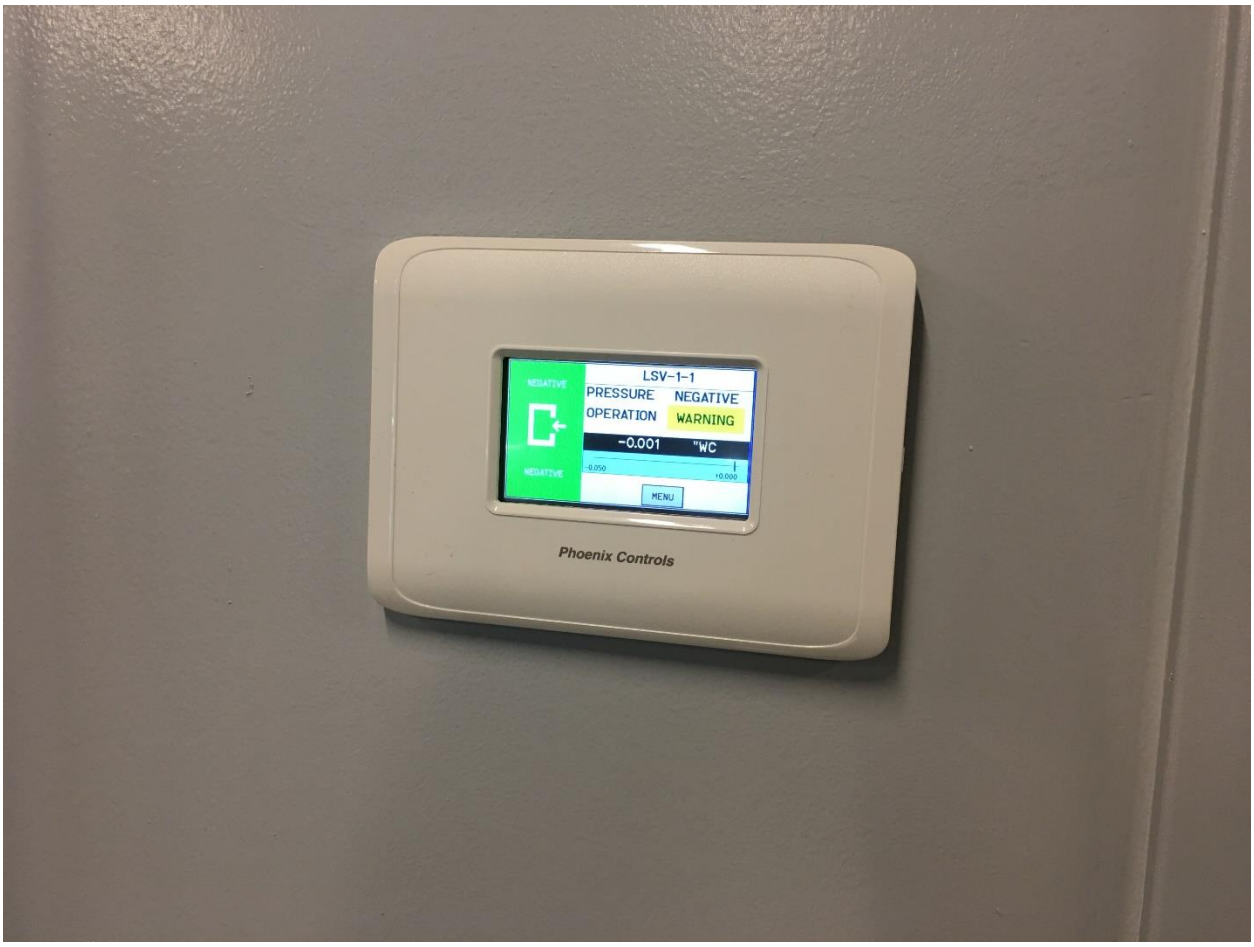
This case study is part of an education outreach that includes a Sustainability and Energy tour.

Materials and Resources



During construction 75% of the waste was diverted from landfills. 10% of the building is constructed using recycled content. Regional materials and certified wood were used in construction.

Indoor Environmental Quality



During construction an IAQ Management Plan was in place. Low emitting materials were used throughout the building. Control systems were utilized for both comfort and lighting.

Regional Priority

Public Transportation Access

There is bus transportation within steps of the building.