



**UNIVERSITY OF ILLINOIS  
EVERITT LABORATORY  
RENOVATION  
URBANA, ILLINOIS**

**24%** water use reduction

**26%** decrease in energy use

**75%** construction waste diverted

**LEED® FACTS**

University of Illinois  
Everitt Laboratory  
Renovation  
Urbana, Illinois

LEED® for New Construction 2009

**Gold**

**61\***

Sustainable Sites	17/26
Water Efficiency	4/10
Energy & Atmosphere	13/35
Materials & Resources	7/14
Indoor Environmental Quality	10/15
Innovation & Design	6/6
Regional Priority	3/4

\*Out of a possible 110 points, pending final Construction Submission review.



# Everitt Laboratory Renovation Case Study

## PROJECT SUMMARY

**Size:** 135,262 sq ft **Construction:** Commercial  
**Project Type:** Core Learning Space: University  
**LEED Rating System:** LEED for New Construction 2009  
**Certification Level:** Gold

## NARRATIVE

Everitt Laboratory will become the home for Bioengineering and will house the educational classroom and labs for the undergraduates and graduates in 7 classrooms along with 6 classroom labs.

The facility will have space to support the research efforts of 14 investigative teams as well as 6 computational teams. Office space is provided for the departmental administration, all departmental faculty and teaching staff. Office space is also included for post doctoral and graduate students associated with the 20 investigative and computational teams located in the building, along with conference and support spaces to facilitate interaction and collaboration.

Study and community space is provided throughout the facility to promote collaboration and allow the faculty, staff and students to come together as one community.

## GREEN BUILDING STRATEGIES

### Sustainable Sites

- Development Density and Community Connectivity.
- Public Transportation Access.
- Maximize Open Space.

### Water Efficiency

- 24% water use reduction by utilizing low-flow and dual-flush fixtures.

### Energy and Atmosphere

- Energy savings of 26% over a baseline model.
- Efficient mechanical systems.
- Enhanced Refrigerant Management.

### Materials and Resources

- 75% of construction waste was diverted from landfills.
- Recycling program for building occupants.
- Over 20% of total building materials are recycled.
- Over 20% of total building materials are manufactured regionally.

### Indoor Environmental Quality

- Use of low-emitting materials for adhesives, sealants, paints, coatings, flooring systems, and wood products.



Classroom View



Exterior View



Commons

### PROJECT TEAM

**Owner:** The University of Illinois

**Architect/Engineer:** BSA LifeStructures

**Contractor:** O'Shea

**Interior Design:** BSA LifeStructures