



# Roy and Diana Vagelos Education Center

## LEED Gold

The Roy and Diana Vagelos Education Center is a state-of-the-art medical and graduate education building that reflects how medicine is taught, learned, and practiced in the 21st century. LEED certification is a globally recognized symbol of sustainability achievement. Below are just a few of the areas where the building's design, construction, and maintenance made an impact.



### Enhanced Commissioning

Mechanical and electric systems have been set up for smooth and efficient operation, maximizing energy performance and occupant comfort.



### Indoor Environmental Quality

Occupants have more fresh, clean air when they need it. To further guarantee comfort, we used low-emitting materials throughout the building to minimize chemical contaminants that could harm air quality, human health, productivity, and the environment.



### Green Power

1,500,000 kWh of clean energy were purchased to cover 70% of the building's energy consumption for two years.



### Stormwater Design: Quantity Control

We capture and treat storm water runoff to remove 80% of the total suspended solids (pollutants).

### Water Use Reduction

Thanks to high-efficiency indoor plumbing fixtures, we anticipate a 37% reduction in annual water consumption when compared to the baseline water usage rate.



### Recycled Content

Materials with recycled content made up 23% of the total cost of building materials.



### Green Housekeeping Plan

The custodial operations team follows a green cleaning program that encompasses staff training, cleaning processes and chemicals, and occupant feedback.

### Integrated Pest Management Plan

If any pests are detected, integrated (nonchemical) methods will be implemented as the first control step. Subsequent steps use "least toxic"-rated pesticides before resorting to non-"least toxic" pesticides.



### Alternative Transportation: Low-Emitting and Fuel-Efficient Vehicles

CUIMC employees and students have access to 52 bicycle racks. 4 electrical vehicle charging stations are available in the 100 Haven Ave. parking garage.



### Construction Waste Management

We recycled 93% of construction waste—3,061 Tons.



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